PERCEPTIVE IDEAS
CONSULTING ENGINEERS PVT.LTD
U31100DL2017PTC322063

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info@perceptiveideas.org
ABOUT US

PERCEPTIVE IDEAS CONSULTING ENGINEERS PVT. LTD.  
(Formerly known as Pristine Ideas) is a Delhi-NCR based  
Structural Design and Civil Engineering Consulting Organization  
incepted in APRIL 2014 by AJAY GUPTA. As name itself  
spells out, Perceptive Ideas is aimed to generate Design with  
lot of thought, judgement and efforts, such that it comes out to  
be SPOTLESS. Intent is to deliver Design as combination Engi-
neering and Commercial aspect, which we term as  
TECHO-COMMERCIAL solutions, but obvious meeting with  
functionality, aesthetics and constructability.

Perceptive Ideas is equipped with a fully computerized  
Design Studio as their basic working tool. Adopting a digital  
platform has vividly improved response time clients, examining  
and solving Design Issues faster and in improved manner. In  
near future, we seek to adopt electronic platform to develop  
PAPERLESS working environment. Extraordinary efforts have  
been given for DATA STORAGE and DOCUMENTATION by  
utilizing CLOUD based technologies.

Perceptive Ideas team have vast exposure for TALL-
STRUCTURE-COMMERCIAL-ITPARKS-HOTELS-RETAIL  
-HEALTHCARE-EDUCATIONAL-PUBLIC AMENITIES-  
INDUSTRIAL-RESIDENTIAL - MIXED USE DEVELOPMENT -  
MULTIPLEX - INFRASTRUCTURE SUPPORT BUILDING -  
STEEL TRUSSS. Our team consists of well qualified Structural  
Engineers having vast experience in Structural Design  
Consultancy conversant with National and International Codes  
in compliance with new Technological Advancements along  
with hand on comfort with latest SOFTWARES. Our Team walk  
off an EXTRA MILE in coordinating better in less time with  
Fellow Consultants, Clients and Construction Team at Site.  
Each Project - regardless of size - given appropriate thought &  
time. Criticality and requirement of design is briefed prior to  
commencement of work; to minimize later date bolt from blue.
PERCEPTIVE IDEAS works on philosophy of COMMITMENTS. Our team place their best efforts to deliver our commitments. Our approach - Work Backward on Committed Datas. Raise alarm for outstanding issues well in advance.

PERCEPTIVE IDEAS aim's to endow absolute CLIENT SATISFACTION:

➔ Meet FUNCTIONAL REQUIREMENTS of Project.
➔ Compliance to all mandatory CODAL PROVISIONS:
➔ TECHNO COMMERCIAL Structural Design.
➔ Maintain high Standards of QUALITY in terms of CAD and DESIGN.
➔ Transparency in working with supporting DESIGN NOTES.
➔ Deliver drawings and documents in COMMITTED TIME FRAME.
➔ Emphasis on DOCUMENTATION of Project Proceedings – Each Document issued from Pristine Ideas has Unique Identification Number – Can be traced easily at later date.
➔ In house STANDARDS for Drafting, Modelling, Design, Drawings, and Reports has been formed and followed.
➔ Open to latest Software Technologies like REVIT, AUTO GENERATED BBS, PRECISE QUANTIFICATION.

PROFESSIONAL SERVICES OFFERED

➔ Structural Design Consultancy – All kind of Structures
➔ Preparation of Bill of Quantities and Bar Bending Schedule
➔ Structural Design for Retrofitting, Alterations and Strengthening Works
➔ Engineering Solutions/Design for Earth/Liquid Retention Systems
➔ Structural Design Peer Review / Value Engineering
➔ Site inspection for Quality Control during execution
➔ Structural Health Monitoring of Buildings
TECHNICAL EXPERTISE:

HIGH RISE MULTI-STORNEY RESIDENTIAL GROUP HOUSING

- Magnitude of projects in Built up Area varies from 50,000 Sqft to 40 Lacs Sqft.
- Number of Floors ranging from G+2 to G+40 with large scale multiple level basements.
- Diversity in projects involved Low Cost Housing to Super Luxury High End Apartments with massive Landscape and Elevation Elements.
- Structural Framing System worked with Conventional Beam Slab, Beam Less Flat Plates, Aluminium Shuttering with no Masonry – Shear Walls only.

HOSPITALITY BUILDINGS:

- Hand on experience of projects with 100 to 600 Guest Rooms with Huge Public and Basement areas.
- Accommodated Huge Banquet Halls along with spacious Public Areas at Lower Floors Levels and Multiple Basements.
- Altered Column spacing among floor level with Transfer Girders. Projects involved Huge facade, Massive Landscape, Elevation Elements and services requirement.
- Worked with various Structural System like Verandahl Girders, Transfer Beams (Conventional and Post Tensioned).

MALL AND MULTIPLEX BUILDING:

- Built up area of project varies from 1,50,000 Sqft to 16,00,000 Sqft.
- Structural Challenges involved, large span column spacing, Atriums, etc.
- Multiplex accommodated at upper floors.
- Post Construction Changes as per Tenants requirements.

COMMERCIAL BUILDINGS:

- Magnitude of projects in Built up Area varies from 25,000 Sqft to 25 Lacs Sqft.
- Number of Floors ranging from G+4 to G+25 with large scale basements (upto 4 Levels).
- Projects involved huge facade, Massive Landscape, Elevation Elements and Services.
- Structural Framing System worked with Conventional Beam Slab, Flat Slab with/without Drop Panels (with/without PT).

EDUCATIONAL BUILDINGS:

- Number of Educational Building has been designed.
- Structural Framing Arrangement conceived along with Architects, such that Structure is exposed with false ceiling.
- Spacing of Columns, framing of beams done as per functional layout of the building.

STRUCTURAL PEER REVIEW CONSULTANCY:

- Structural Peer Review Consultancy given for number of Projects.
- Value Engineering, Cost Optimization, Improving Structural Behaviour and RfI detailing.

MISCELLANEOUS WORKS:

- Under Ground Water Tanks
- Sewage Treatment Plant
- Independent Bungalows
- Sample Flats/Marketing office
- Large Span Pergola and Canopy Design
- Earth Retention Systems: Sheet Piles, Shoulder Piles, Diaphragm Walls
- Atrium/Auditorium Roof Design
- Landscape Structures
- Designed Structures for Underground Water Pressure

SPECIALIZED SKILLS:

- Analysis, Design and Detailing of Prestressed/Composite Structures.
- Retrofitting and Strengthening of Existing Structures.
- Expertise in all kind of Foundation Systems – Raft, Pile, Piled Raft, Piled Assisted Rafts.
- Hand on Experience on Structures with Aluminium (Mivan) & Slip Shuttering, etc.
- Wind Analysis Based on Wind Tunnel Tests
- Mitigating Earthquake Forces with application of Friction Dampers.
- Cost Optimizing Solutions and Techniques.
AJAY GUPTA - PRINCIPAL CONSULTANT

FOUNDER OF PERCEPTIVE IDEAS – APRIL 2014

→ M.S. (Structures) - Indian Institute of Science, Bangalore
→ B.E. (Civil) - MBM Engineering College, Jodhpur (Raj.)
→ Member of Institution of Engineers (India) – M-147474-4
→ Authorised Chartered Engineer (India)
→ Member of Indian Association of Structure Engineers – M-199
→ Member of Institute for Steel Development & Growth – IINDS-VN-448

→ Author of Five International Technical Papers – During Academics.

Worked with M/s VINTECH CONSULTANTS for 12 years as PRINCIPAL ASSOCIATE. Delivered Structural Design Consultancy of more than 100 Prestigious Projects in working tenure with Vintech Consultants. Diversified exposure of Structural Design Consultancy for all kind of Building Structures. Worked across the Country, hand on experience working with industry's well known people of various disciplines.
AJAY GUPTA - PROFESSIONAL EXPERIENCE

During association (2004 – 2014) with M/s Vintech Consultants following listed projects had been designed and executed at site.

HIGH RISE MULTI-STOREY RESIDENTIAL GROUP HOUSING – 30 Projects:

For Unitech Ltd. – World Spa (G+20), Cascades (G+28), Verve (G+28), Fresco (G+20)
For Ireo Pvt. Ltd – Grand Arch (G+28), Victory Valley (G+40), Uptown (G+25)
For DLF Ltd. – Park Heights (G+29), Queens Court (G+7), Kings Court (G+18), Garden City (G+18), Express Green (G+21), New Town Heights (G+21)
Jaypee Associates – Krescent Homes (G+37), Pavillion Heights (G+18), Knight Court (G+18)
Pioneer Developers – Urban Square (G+29), Presidio (G+29), Araya (G+37)
The 3C Company – Lotus Boulevard (G+27), Lotus Especia (G+21)
For other Developers – Aurora (G+15), Cherry County (G+24), Tata Gurgaon Gateway (G+27), Shriram (G+18), Aditya Mega City (G+24), NRI City (G+15), The Blith (G+24)

HOSPITALITY BUILDINGS – 12 Projects:

Trident Oberoi – Hyderabad, J W Marriott – Chandigarh, Sarovar Hotel – Bangalore, Sarovar Hotel – Hyderabad, M B Hotel – Faridabad, Lemon Tree Hotels at Hyderabad, Chandigarh, Kondli, Mumbai, New Delhi, Bangalore

MALL AND MULTIPLEX BUILDING – 5 Projects:

Aditya City Centre – Indirapuram Ghaziabad, Aerodrum Mall – Amritsar, Trinity Mall – Hyderabad, Wedding Mall – Gurgaon, Gulcha Trade Centre – Jaipur

COMMERCIAL BUILDINGS – 15 Projects:


EDUCATIONAL BUILDINGS – 8 Projects:

Amity University – Jaipur, Amity University – Lucknow, IISER – Bhopal, IIM (Phase VI) – Kozhode, Oakridge School – Hyderabad, Tapi Valley School – Surat, Scottish School – Gurgaon

STRUCTURAL PEER REVIEW CONSULTANCY – More Than 25 Projects MISCELLANEOUS WORKS

List of International Technical Papers
PUBLISHED BY AJAY GUPTA


ASSOCIATED TEAM MEMBERS WITH PERCEPTIVE IDEAS

Team of PERCEPTIVE IDEAS is highly qualified and has diversified experience of Structural Design of various types of Projects.

- Anjali Gupta – Associate Director
- Kedar Sutar (M Tech) – Engineering
- Majeed Alam (M Tech) – Engineering
- Sachin Jain (B Tech) – Engineering
- Rohit Arora (M Tech) – Engineering
- Gaurav Kumar (M Tech) – Engineering
- Raja Rautela (B Tech) – Engineering
- Akash Gupta (B Tech) – Engineering
- Ankit Rawat (B Tech) – Engineering
- Shrawan Kumar (Diploma) – Engineering
- Vijay Kumar (Diploma) – Costing & Estimation
- Deepak Singh Rawat, CAD Manager - 12 Year Experience
- Sandeep Singh Bisht, CAD Manager - 12 Year Experience
- Manish Singh, CAD Manager - 8 Year Experience
- John, CAD Manager - 8 Year Experience
- Lokesh Kumar, CAD Manager - 10 Year Experience
- Balwant, CAD Manager - 4 Year Experience
- Raj Kamal Dhayani, CAD Draftsman - 4 Year Experience
- Deepika, CAD Draftsman - 3 Year Experience
- Satyavati, CAD Draftsman - 3 Year Experience
- Pushkar Kumar, CAD Draftsman - 3 Year Experience
- Gajendra Singh, CAD Draftsman - 2 Year Experience
- Supporting Draftsman – 6 Nos.
- Office Support Staff – 5 Nos.
### St. Andrew Tower, Gurgaon

<table>
<thead>
<tr>
<th>Status</th>
<th>Design 100% &amp; Execution 95%</th>
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<tr>
<td>Built Up Area</td>
<td>4,02,000 SQFT</td>
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<tr>
<td>Clients</td>
<td>Omex India Private Limited, Gurgaon</td>
</tr>
<tr>
<td>Architects</td>
<td>LDA London</td>
</tr>
<tr>
<td>Structural System</td>
<td>RCC Walls, Plate Structure</td>
</tr>
<tr>
<td>Special Feature</td>
<td>Glue LA Trench With GHS Roof Extention In Structural Steel</td>
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### Royal Residency, Ludhiana

<table>
<thead>
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<th>Status</th>
<th>Design 100% &amp; Execution 75%</th>
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<tr>
<td>Clients</td>
<td>Omex Ltd, New Delhi</td>
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<tr>
<td>Architects</td>
<td>Omex Ltd, New Delhi</td>
</tr>
<tr>
<td>Structural System</td>
<td>Conventional RCC Column Beam Slab Framed Structure</td>
</tr>
<tr>
<td>Special Feature</td>
<td>Regular Structural System</td>
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### Lake Groove, Kundali

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<th>Status</th>
<th>Design 100% &amp; Execution 90%</th>
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<td>Built Up Area</td>
<td>6,00,000 SQFT</td>
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<tr>
<td>Clients</td>
<td>Omex Infrastructure Ltd, New Delhi</td>
</tr>
<tr>
<td>Architects</td>
<td>SKA Architects, New Delhi</td>
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<tr>
<td>Structural System</td>
<td>Conventional RCC Column Beam Slab Framed Structure</td>
</tr>
<tr>
<td>Special Feature</td>
<td>Regular Structural System (Less steel consumption)</td>
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### Royal Meridian, Ludhiana

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<th>Status</th>
<th>Design 30% &amp; Execution 10%</th>
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<td>Clients</td>
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<tr>
<td>Structural System</td>
<td>Conventional RCC Column Beam Slab Framed Structure</td>
</tr>
<tr>
<td>Special Feature</td>
<td>Regular Structural System</td>
</tr>
</tbody>
</table>
**Residential Projects**

**65TH Avenue, Gurgaon**
- Built Up Area: 25,000 SQ.FT
- Project Details: Basement + Ground + 47 Residences
- Clients: MPM INDIA PRIVATE LIMITED, Gurgaon
- Architect: ACP Design Ltd.
- Structural System: Shear Walls - Flat Plate Structure
- Special Feature: All Walls as RCC - Aluminium Shuttering

**Corner Walk, Gurgaon**
- Built Up Area: 6,000 SQ.FT
- Project Details: Basement + Ground + 25 Floors
- Clients: MPM INDIA PRIVATE LIMITED, Gurgaon
- Architect: ACP Design Ltd.
- Structural System: Shear Walls - Flat Plate Structure
- Special Feature: All Walls as RCC - Aluminium Shuttering

**Serenity Towers, Gurgaon**
- Built Up Area: 20000 SQ.FT
- Project Details: Basement + Ground + 25 Floors
- Clients: MPM INDIA PRIVATE LIMITED, Gurgaon
- Architect: ACP Design Ltd.
- Structural System: Conventional RCC Column and Beam Framed Structure
- Special Feature: Regular Structural System

**Palm Hills, Gurgaon**
- Built Up Area: 6000 SQ.FT
- Project Details: Basement + Ground + 25 Floors
- Clients: EMAAR LTD., Gurgaon
- Architect: ARCO, Gurgaon
- Structural System: Shear Walls - Flat Plate Structure
- Special Feature: All Walls as RCC - Aluminium Shuttering
# Residential Projects

## Orris Housing, Gurgaon

<table>
<thead>
<tr>
<th>Built-Up Area</th>
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<tbody>
<tr>
<td>Clients</td>
<td>Orris Infrastructure Ltd., Gurgaon</td>
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<tr>
<td>Architects</td>
<td>ARCO, Gurgaon</td>
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<tr>
<td>Structural System</td>
<td>Conventional RCC Column Beam Slab Framed Structure</td>
</tr>
<tr>
<td>Special Feature</td>
<td>Regular Structural System</td>
</tr>
<tr>
<td>Status - Design</td>
<td>19%</td>
</tr>
<tr>
<td>Status - Execution</td>
<td>66%</td>
</tr>
<tr>
<td>Project Details</td>
<td>Basement x Ground + 26 Floors</td>
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## Residential Tower for IES Officers, New Delhi

<table>
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<tbody>
<tr>
<td>Clients</td>
<td>NBCC Ltd, New Delhi</td>
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<tr>
<td>Architects</td>
<td>Gian P Mathur &amp; Associates, New Delhi</td>
</tr>
<tr>
<td>Structural System</td>
<td>Shear Walls - Flat Plate Structure</td>
</tr>
<tr>
<td>Special Feature</td>
<td>All Walls As RCC - Aluminium Shuttering</td>
</tr>
<tr>
<td>Status - Design</td>
<td>19%</td>
</tr>
<tr>
<td>Status - Execution</td>
<td>66%</td>
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<tr>
<td>Project Details</td>
<td>Basement x Ground + 26 Floors</td>
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### Model School, Lucknow

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<th>BUILT UP AREA</th>
<th>65,000 SQFT</th>
<th>PROJECT DETAILS</th>
<th>CLIENTS</th>
<th>UTTAR PRADESH NAGAR NIRMAL PARISHAD</th>
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<tbody>
<tr>
<td>ARCHITECTS</td>
<td>ARCHOM CONSULTANT</td>
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<tr>
<td>STRUCTURAL SYSTEM</td>
<td>CONVENTIONAL RCC COLUMN BEAM SLAB FRAMED STRUCTURE</td>
<td></td>
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<tr>
<td>SPECIAL FEATURE</td>
<td>REGULAR STRUCTURAL SYSTEM</td>
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**Status - Comissioned - JULY 2017**

### Model School, Safai, Itawah

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<th>42,000 SQFT</th>
<th>PROJECT DETAILS</th>
<th>CLIENTS</th>
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<tbody>
<tr>
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<tr>
<td>SPECIAL FEATURE</td>
<td>REGULAR STRUCTURAL SYSTEM</td>
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**Status - Comissioned - JULY 2017**

### Sainik School, Mainpuri, Uttar Pradesh

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<th>BUILT UP AREA</th>
<th>2,00,000 SQFT</th>
<th>PROJECT DETAILS</th>
<th>CLIENTS</th>
<th>UTTAR PRADESH NAGAR NIRMAL PARISHAD</th>
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<td>REGULAR STRUCTURAL SYSTEM</td>
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</table>

**Status - Comissioned - JULY 2017**
**EDUCATIONAL PROJECTS**

### IIIT Kota (Rajasthan)
- **Built Up Area**: 4,00,000 SQFT
- **Status-Design**: 25% & **Execution**: 0%
- **Clients**: IITM, JAMMU
- **Architects**: SURESH GOYAL ASSOCIATES, NEW DELHI
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Regular Structural System

### Gyan Anant Vidyalaya, Ghaziabad
- **Built Up Area**: 1,20,000 SQFT
- **Status-Design**: 30% & **Execution**: 0%
- **Clients**: MOBIOUS FOUNDATION, NEW DELHI
- **Architects**: DAAJ ARCHITECTURE, NEW DELHI
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Regular Structural System

### LBS School, R K Puram, New Delhi
- **Built Up Area**: 30,000 SQFT
- **Status-Design**: 60% & **Execution**: 20%
- **Clients**: LBS SCHOOL, NEW DELHI
- **Architects**: ONE SEGMENT, NEW DELHI
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Large Span Coffer Slab - 30m x 30m (Span)
## Lemon Tree Premium Hotel-Coimbatore (Tamil Nadu)

**Status:** Commissioned - OCT 2017

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<th>BUILT UP AREA</th>
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<tr>
<td>ARCHITECTS</td>
<td>VALERIAN MANAGEMENT SERVICES PRIVATE LIMITED, NEW DELHI</td>
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<tr>
<td>STRUCTURAL SYSTEM</td>
<td>CONVENTIONAL RCC COLUMN AND SLAB FRAMED STRUCTURE</td>
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<tr>
<td>SPECIAL FEATURE</td>
<td>REGULAR STRUCTURAL SYSTEM</td>
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## Lemon Tree Premium Hotel-Udaipur (Rajasthan)

**Status:** Design - 100% & Execution - 90%

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<td>CLIENTS</td>
<td>LEMON TREE PREMIUM HOTELS PRIVATE LIMITED, NEW DELHI</td>
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<tr>
<td>ARCHITECTS</td>
<td>VALERIAN MANAGEMENT SERVICES PRIVATE LIMITED, NEW DELHI</td>
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<td>STRUCTURAL SYSTEM</td>
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<tr>
<td>SPECIAL FEATURE</td>
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## Lemon Tree Premium Hotel - Kolkata (West Bengal)

**Status:** Design - 100% & Execution - 90%

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<th>BUILT UP AREA</th>
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<td>LEMON TREE PREMIUM HOTELS PRIVATE LIMITED, NEW DELHI</td>
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<td>ARCHITECTS</td>
<td>VALERIAN MANAGEMENT SERVICES PRIVATE LIMITED, NEW DELHI</td>
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<td>STRUCTURAL SYSTEM</td>
<td>CONVENTIONAL RCC COLUMN AND SLAB FRAMED STRUCTURE</td>
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<tr>
<td>SPECIAL FEATURE</td>
<td>REGULAR STRUCTURAL SYSTEM</td>
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</tbody>
</table>

## Lemon Tree Premium Hotel AT MIAL (Mumbai)

**Status:** Design - 35% & Execution - 65%

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<tr>
<td>ARCHITECTS</td>
<td>BRS3, SINGAPORE + VALERIAN MANAGEMENT SERVICES PRIVATE LIMITED, NEW DELHI</td>
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<tr>
<td>STRUCTURAL SYSTEM</td>
<td>POST TENSIONED FLAT PLATE STRUCTURAL SYSTEM</td>
</tr>
<tr>
<td>SPECIAL FEATURE</td>
<td>POST TENSIONED FLAT PLATE STRUCTURAL SYSTEM + EARTH RETENTION WORK</td>
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### Hospitality Projects

#### Lemon Tree Premium Hotel-Trivandrum (Kerala)
- **Status**: Design - 10% & Execution - 0%
- **Built Up Area**: 1,25,000 SQFT
- **Project Details**: 3 Basement + 6 Residential Floors
- **Clients**: Lemon Tree Premium Hotel Private Limited, New Delhi
- **Architects**: Yashwanth Management Services Private Limited, New Delhi
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Structural System involves transfer beam & cantilever slab for banquet hall

#### Neelkanth Star Resort at Sonipat (Haryana)
- **Status**: Design - 65% & Execution - 60%
- **Built Up Area**: 1,50,000 SQFT
- **Project Details**: 2 Basement + 5 Residential Floors
- **Clients**: Neelkanth Resorts Pvt Ltd, New Delhi
- **Architects**: Sanjiv Sharma & Associates, New Delhi
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Structural System involves transfer beam & cantilever slab for banquet hall

#### Mixed Used Development - Rajahmundry (A.P.)
- **Status**: Design - 65% & Execution - 60%
- **Built Up Area**: 1,50,000 SQFT
- **Project Details**: 3 Basement + 14 Residential Floors
- **Clients**: Manasva Hotels & Resorts Pvt Ltd, Hyderabad
- **Architects**: Sahil and Associates, Jaipur
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Regular Structural System - Conventional Structure of RCC Beam & Slab in Steel Structure

#### Banyan Tree Resort - Goa
- **Status**: Design - 100% & Execution on Hold
- **Built Up Area**: 3,00,000 SQFT
- **Project Details**: 3 Basement + 2 Residential Floors
- **Clients**: IREO Management Pvt Ltd, Gurugram
- **Architects**: Bensley Architects, Bangkok
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Conventional RCC Column Beam Slab Framed Structure
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Status - Design</th>
<th>Status - Execution</th>
</tr>
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<tbody>
<tr>
<td>Resort at Vishakhapatnam - Andhra Pradesh</td>
<td>100% &amp; Execution 80%</td>
<td></td>
</tr>
<tr>
<td><strong>Built Up Area</strong>: 1,80,000 SQFT</td>
<td><strong>Project Details</strong>: LOW-RISE STRUCTURES + LARGE SPAN &amp; BANQUET HALL</td>
<td></td>
</tr>
<tr>
<td><strong>Clients</strong>: MAGLESIUS PVT LTD, VISHAKHAPATNAM</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Architects</strong>: UPPAL GHOSH ASSOCIATES</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Structural System</strong>: CONVENTIONAL RCC COLUMN + BEAM, GARAGE + BANDHARA STRUCTURE + UNDULATED ROCKY TERRAIN SITE + 2,000 SQM RCC BANQUET HALL</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Special Feature</strong>: UNDULATED ROCKY TERRAIN SITE + 2,000 SQM RCC BANQUET HALL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>White Box at Gurgaon - Haryana</th>
<th>Design - 75% &amp; Execution - 25%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Built Up Area</strong>: 2,00,000 SQFT</td>
<td><strong>Project Details</strong>: 2 BASEMENT + GROUND + 2 FLOORS</td>
</tr>
<tr>
<td><strong>Clients</strong>: REAL LTD., GURGAON</td>
<td></td>
</tr>
<tr>
<td><strong>Architects</strong>: RSP PVT LTD, GURGAON + FOSTER + PARTNERS LONDON</td>
<td></td>
</tr>
<tr>
<td><strong>Structural System</strong>: CONVENTIONAL RCC COLUMN + BEAM, GARAGE + BANDHARA STRUCTURE + UNDULATED ROCKY TERRAIN SITE + 2,000 SQM RCC BANQUET HALL</td>
<td></td>
</tr>
<tr>
<td><strong>Special Feature</strong>: LARGE SPAN POST TENSIONED BEAMS + 2,000 SQM RCC BANQUET HALL</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Barat Ghar Cum Hotel - Noida (Uttar Pradesh)</th>
<th>Design - 10% &amp; Execution - 90%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Built Up Area</strong>: 4,75,000 SQFT</td>
<td><strong>Project Details</strong>: 2 BASEMENT + GROUND + 6 FLOORS</td>
</tr>
<tr>
<td><strong>Clients</strong>: GULSHAN HOMES PVT LTD, NEW DELHI</td>
<td></td>
</tr>
<tr>
<td><strong>Architects</strong>: GIANI P MATHUR &amp; ASSOCIATES, NEW DELHI</td>
<td></td>
</tr>
<tr>
<td><strong>Structural System</strong>: CONVENTIONAL RCC COLUMN + BEAM, GARAGE + BANDHARA STRUCTURE</td>
<td></td>
</tr>
<tr>
<td><strong>Special Feature</strong>: STRUCTURAL SYSTEM INVOLVED TRANSFER BEAMS</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Five Star Hotel at Jaipur - Rajasthan</th>
<th>Design - 80% &amp; Execution - 65%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Built Up Area</strong>: 4,00,000 SQFT</td>
<td><strong>Project Details</strong>: 1 BASEMENT + GROUND + 4 FLOORS</td>
</tr>
<tr>
<td><strong>Clients</strong>: KASHI RESORTS &amp; SPA PVT LTD, UDAIPUR</td>
<td></td>
</tr>
<tr>
<td><strong>Architects</strong>: DESIGN ESPIRIT, JAIPUR</td>
<td></td>
</tr>
<tr>
<td><strong>Structural System</strong>: CONVENTIONAL RCC COLUMN + BEAM, GARAGE + BANDHARA STRUCTURE</td>
<td></td>
</tr>
<tr>
<td><strong>Special Feature</strong>: STRUCTURAL SYSTEM INVOLVED TRANSFER BEAMS + 2,000 SQM RCC BANQUET HALL</td>
<td></td>
</tr>
</tbody>
</table>
### VRC Mall, Patiala (Punjab)
**Status-Design-100% & Execution-90%**
- **Built Up Area**: 2,70,000 SQFT
- **Project Details**: 4 Basements + 4 Retail Floors + 4 Multiplex
- **Clients**: Wipro BSEB Mouse Infrastructure, New Delhi
- **Architects**: Fourth Dimension, New Delhi
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Regular Structural System

### Urbana Premium, Gurgaon (Haryana)
**Status-Design-100% & Execution-70%**
- **Built Up Area**: 3,35,000 SQFT
- **Project Details**: 3 Basements + 4 Retail Floors + 7 Multiplex
- **Clients**: M3M India Private Limited, Gurgaon
- **Architects**: DESIGNPLUS ASSOCIATES SERVICES PVT LTD, New Delhi
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Regular Structural System

### Shopping Complex, Gurgaon (Haryana)
**Status-Design-100% & Execution-90%**
- **Built Up Area**: 1,90,000 SQFT
- **Project Details**: 3 Basement + 4 Retail Floors
- **Clients**: BRF Ltd, Gurgaon
- **Architects**: PS Studio Pvt. Ltd, New Delhi
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Regular Structural System

### 65TH Avenue, Gurgaon (Haryana)
**Status-Design-100% & Execution-10%**
- **Built Up Area**: 15,00,000 SQFT
- **Project Details**: 3 Basement + 4 Retail Floors + 10 Multiplex
- **Clients**: M3M India Private Limited, Gurgaon
- **Architects**: ACPL Design Ltd.
- **Structural System**: Conventional RCC Column Beam Slab Framed Structure
- **Special Feature**: Regular Structural System
**Mixed Used Development, Rajahmundry**

- **Built Up Area:** 35000 sqft
- **Client:** Mallera Developers, Hyderabad
- **Architects:** Mathialag Associates, Jabur
- **Structural System:** Conventional RCC Column Beam Slab Frame Structure
- **Special Feature:** Irregular Structural System + Service Apartments

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**Elan Miracle, Gurgaon (Haryana)**

- **Built Up Area:** 80,000 sqft
- **Client:** ELAN LTD., Gurgaon
- **Architects:** ACPL Design Ltd.
- **Structural System:** Conventional RCC Column Beam Slab Frame Structure
- **Special Feature:** Regular Structural System + Service Apartments & Office Floors

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**37TH Avenue, Bahadurgarh**

- **Built Up Area:** 30000 sqft
- **Client:** HI CITY, Bahadurgarh
- **Architects:** FOURTH DIMENSION, New Delhi
- **Structural System:** Conventional RCC Column Beam Slab Frame Structure
- **Special Feature:** Regular Structural System

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**Mixed Used Development, Lucknow**

- **Built Up Area:** 400,000 sqft
- **Client:** M1 Developers, Lucknow
- **Architects:** Gyan P Mathur & Associates Pvt Ltd
- **Structural System:** Conventional RCC Column Beam Slab Frame Structure
- **Special Feature:** Structural System with Large Spans + Transfer Beams for Hotel Floors
### Corner Walk, Gurgaon
**Status-Design-35% & Execution-20%**

- **BUILT UP AREA**: 50,000 SQFT
- **PROJECT DETAILS**: 3 BASEMENT + 3 RETAIL FLOORS + 1 MULTIPLEX
- **CLIENTS**: U & M INDIA PRIVATE LIMITED, GURGAON
- **ARCHITECTS**: ACPL DESIGN LTD.
- **STRUCTURAL SYSTEM**: CONVENTIONAL RCC COLUMN BEAM SLAB FRAMED STRUCTURE
- **SPECIAL FEATURE**: REGULAR STRUCTURAL SYSTEM

### Faridabad Mall, Faridabad, (Haryana)
**Status-Design-35% & Execution-10%**

- **BUILT UP AREA**: 3,50,000 SQFT
- **PROJECT DETAILS**: 3 BASEMENT + 3 RETAIL FLOORS + 1 MULTIPLEX
- **CLIENTS**: ______
- **ARCHITECTS**: ACPL DESIGN LTD.
- **STRUCTURAL SYSTEM**: CONVENTIONAL RCC COLUMN BEAM SLAB FRAMED STRUCTURE
- **SPECIAL FEATURE**: REGULAR STRUCTURAL SYSTEM

### Elan Epic, Gurgaon, (Haryana)
**Status-Design-45% & Execution-00%**

- **BUILT UP AREA**: 6,90,000 SQFT
- **PROJECT DETAILS**: 3 BASEMENT + 3 RETAIL FLOOR + 1 MULTIPLEX
- **CLIENTS**: ELAN LTD., GURGAON
- **ARCHITECTS**: ACPL DESIGN LTD.
- **STRUCTURAL SYSTEM**: CONVENTIONAL RCC COLUMN BEAM SLAB FRAMED STRUCTURE
- **SPECIAL FEATURE**: REGULAR STRUCTURAL SYSTEM
**La Martine Audiorium, Lucknow**

<table>
<thead>
<tr>
<th>BUILT UP AREA</th>
<th>20,000 SQFT</th>
<th>PROJECT DETAILS</th>
<th>2 BASEMENT + GROUND +4 FLOORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLIENTS</td>
<td>LUCKNOW DEVELOPMENT AUTHORITY</td>
<td></td>
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<tr>
<td>ARCHITECTS</td>
<td>ARCHITECT CONSULTANTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STRUCTURAL SYSTEM</td>
<td>PYRAMIDAL SHAPE STRUCTURE WITH 2 SERVICE CORES - STRUCTURAL STEEL TRUSS; 30 MT SPAN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIAL FEATURE</td>
<td>PRECAST LIGHT WEIGHT PANELS, UNIFORM STRUCTURAL SYSTEM</td>
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**Dr. Ambedkar International Centre, New Delhi**

<table>
<thead>
<tr>
<th>BUILT UP AREA</th>
<th>2,50,000 SQFT</th>
<th>PROJECT DETAILS</th>
<th>2 BASEMENT + GROUND + 1 FLOOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLIENTS</td>
<td>GOVERNMENT OF INDIA</td>
<td></td>
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<tr>
<td>ARCHITECTS</td>
<td>R T &amp; ASSOCIATES PVT. LTD., NOIDA</td>
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<tr>
<td>STRUCTURAL SYSTEM</td>
<td>CONVENTIONAL COLUMN - BEAM - SLAB STRUCTURAL SYSTEM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIAL FEATURE</td>
<td>REFER ANNEXURE 3</td>
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</table>

**Vaniya Bhawan, Akbar Road, New Delhi**

<table>
<thead>
<tr>
<th>BUILT UP AREA</th>
<th>4,20,000 SQFT</th>
<th>PROJECT DETAILS</th>
<th>2 BASEMENT + GROUND + 4 FLOORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLIENTS</td>
<td>NREDC, NEW DELHI</td>
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<tr>
<td>ARCHITECTS</td>
<td>UPA Architect, NEW DELHI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STRUCTURAL SYSTEM</td>
<td>POST TENSIONED BEAM - SLAB STRUCTURE + COMPOSITE COLUMN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIAL FEATURE</td>
<td>COMPOSITE COLUMNS ARE PROPOSED - DIAPHRAGM WALL AS BRACING SYSTEM</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Rashtriya Seva Sansthan, Jaipur**

<table>
<thead>
<tr>
<th>BUILT UP AREA</th>
<th>2,00,000 SQFT</th>
<th>PROJECT DETAILS</th>
<th>4 BASEMENT + GROUND + 8 FLOORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLIENTS</td>
<td>CPWD, JAIPUR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARCHITECTS</td>
<td>SURESH GOEL &amp; ASSOCIATES, NEW DELHI</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STRUCTURAL SYSTEM</td>
<td>CONVENTIONAL COLUMN - BEAM - SLAB STRUCTURAL SYSTEM, POST TENSIONED BEAMS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SPECIAL FEATURE</td>
<td>800 CAPACITY AUDITORIUM + 3500 SQM POST TENSIONED TRANSFER BEAMS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>