



# UDAYAN CHAUDHARI & ASSOCIATES PVT. LTD.



**OVER 30 YEARS OF EXCELLENCE IN PROVIDING CONSULTANCY SERVICES IN MEP SPHERE**



## UDAYAN CHAUDHARI & ASSOCIATES PVT. LTD.

UCAPL is a reputed MEP consulting engineering firm dedicated to offer industrially advanced Engineering Designs which are also energy efficient and sustainable. UCAPL specializes in providing Engineering design solutions in all aspects of building services like HVAC, Electrical, Plumbing, Fire Detection, & Integrated Building Management system catering to the needs of Multistoried Commercial Complexes, Restaurants, Hotels & Resorts, Hospitals, Malls, Multi Storied Apartments, Townships, Clean Rooms, Farmhouses, Data Centers, Airports, Software Factories, Call Centers, Temples, Showrooms etc. UCAPL has been associated with LEED in India through its nascent stages. The endeavor is to finally give you a green building that is truly sustainable while working within the design intent.

Over the last 27 years UCAPL has designed services in more than 1000 projects with some of the leading Developers of India such as **Unitech, Lotus Greens, Jaypee Greens, HM Group, AIPL, Vipul** etc. catering to their intricate needs in Hotel & Hospitals to insubstantial requirements in Data Centers, Clean Rooms & IT Park.

Quality engineering coupled within minimal reaction time, realistic commitments and consistency of service has helped UCAPL to get repeat business from very prestigious clients such as **Airbus, Amazon, Honeywell, Genpact, NIIT, Wipro, Oracle, Ernst & Young, Marriott, Mercer, Hewitt, IHG, WNS, Escorts, Fidelity, United Health Group – Optum, Deloitte, Tata Power, Vivo, AMEX, Reckitt Benckiser, KPMG, Carlson** etc.

Tailor made system designs, appropriate indoor environment quality, energy saving equipment selection, clear-cut technical specifications are the strengths of UCAPL.



## UDAYAN CHAUDHARI

A Graduate in Mechanical Engineering, Mr. Udayan Chaudhari started his career in the HVAC Industry with equipment manufacturers and contracting organizations.

Wide experience in the field, paved way for the expertise required in the consultancy profession. A modest start with world renowned Architectural Firm M/s Stein Doshi & Bhalla was the perfect launching pad for commencing his independent practice in the year 1990.

Mr. Udayan has mentored and developed this organization by his sheer will and passion. More than 1000 assignments are a living testimony to his hard work and remarkable leadership.



## VISION

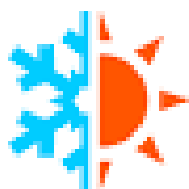


*A sustainable planet begins with a built environment which is self-sustaining through appropriate use of technology and project-specific inventive design solutions.*





## DESIGN SERVICES OFFERED



### HEATING, VENTILATION & AIR CONDITIONING

- District Cooling System
- Radiant Cooling System
- Chilled/ Hot Water System
- VRF
- Central Plant
- Fresh Air Treatment
- Smoke Venting Pressurization
- Humidification/  
Dehumidification
- Heat Recovery



### ELECTRICAL

- Lightning Protection System
- Panels Design
- HT & LT Distribution
- UPS & Inverter Sizing
- Basic Lighting Design
- Back up Generators Sizing
- Transformers Sizing



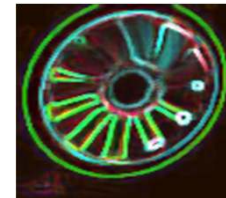
### PUBLIC HEALTH ENGINEERING

- Storm Water Drainage
- Sewage Treatment Plant
- Effluent Treatment Plant
- Swimming Pool & Water  
Bodies
- Domestic Hot Water  
System
- Water Treatment Plant
- Soil Waste Drainage
- Rain Water Harvesting
- Irrigation



### FIRE DETECTION & FIRE FIGHTING

- Fire Detection
- Smoke Sensors
- Fire Alarm
- Fire Evacuation
- Sprinkler System
- Smoke Management
- Lift Well & Staircase pressurization.
- Fire Hydrant System
- Addressable Fire Alarm System



#### INTEGRATED BUILDING MANAGEMENT SYSTEM

- Building Automation System
- Intelligent Buildings
- Operator Interface
- System Software

#### SECURITY & SURVEILLANCE

- CCTV
- Access Control
- Scanners

#### GREEN BUILDING SERVICES

- Indian Green Building Council
- U.S. Green Building Council
- Leed Consultancy
- Green Rating for Integrated Habitat Assessment

#### CFD ANALYSIS

- Thermal & Heat Transfer
- Fluid Flow Analysis
- Basement Ventilation Analysis
- Duct Pressure & Acoustic Simulation
- Clean Room

#### PEER REVIEW SERVICES

- Review Reports, Principle Consultant's Design Drawings and Documents
- Reviewing and checking all the Installations, Testing & Commissioning



## ASSOCIATION WITH INTERNATIONAL ARCHITECTS

RSP

.ULTRACONFIDENTIEL

ARCOP



ARCHITECT	PROJECTS HANDLED
HKS India Design Consulting Pvt Ltd	Muthoot Hospital, Dwarka Office building for Lalwani Group, Greenpark, Delhi Corporate office at Qutab, New Delhi
RSP Architects Planners & Engineers	Bennett University, Greater NOIDA
Arcop Associates Private Limited	Reach 3 Roads, Gurgaon
HOK's planners, architects and designers	Aon Centre, Gurgaon
Ultra Confidential Design	Amazon, Vipul Agora Mall, MG Road, Gurgaon
WOW Architects & Warner Wong Design	AAROHAN- Vipul group housing project at sector 53, Gurgaon
McGrane Martin Architects	Gibraltar Hotel Bowral, NSW
DDG Architects	Reach Airia, Gurgaon
Bentel Associates International	Crown Plaza & Holiday Inn Express Hotels, Vegas, Dwarka
Karen Wang Interior Consultant	Marriott, Kathmandu



## ASSOCIATION WITH ARCHITECTS



ADRIANSE GROUP



Kanvinde Rai & Chowdhury



SPACE MATRIX

LA ARCHPLAN



VIA DESIGN

**INTERICS**  
RAJIV SHROFF & ASSOCIATES  
DESIGN CONSULTANTS



ARGROUP  
design studio

Studio 13

abrd  
architects

morphogenesis

R204







## ASSOCIATION WITH CLIENTS



## ASSOCIATION WITH PMCS



## ASSOCIATION WITH DEVELOPERS



## PHASE OF DESIGN

### CONCEPTUAL DESIGN STAGE

Establish the quality and cost expectations.  
Initial Design Concept , Estimate & Primary Sketches.  
Submission of Design Basis Report.

### SCHEMATIC DESIGN

Reviewing Applicable Building Codes  
  
Developing Schematic based on Concept Drawings

### DETAILED DESIGN

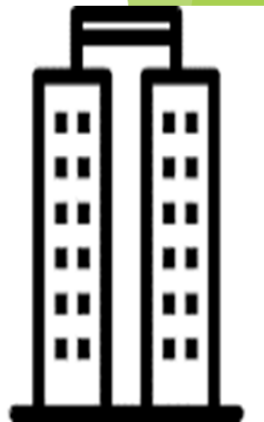
Detailed Evaluation of the following:  
Equipment  
Detailed Design Proposal  
Preliminary Drawings, Specifications  
List of Makes  
Detailed Cost Analysis

### TENDER DOCUMENTATION

CAD drawings - System Block Diagrams, System Architecture Drawings and Layout.  
Equipment Specifications and Drawings.  
Technical & Performance Specifications and Schedules  
Comparative analysis of tender

### CONSTRUCTION & POST CONSTRUCTION STAGE

Review Contractors drawings and specifications  
Quality Audit  
Review mockups and samples prepared by the Contractor  
Review and Certify As-Built Drawings  
Approval of variation statements if any.  
Final Commissioning



**PROJECT  
HANDOVER**





## OUR CORE COMPETENCIES



Efficient Design



Cost Effectiveness



Timely Delivery



Quality Management

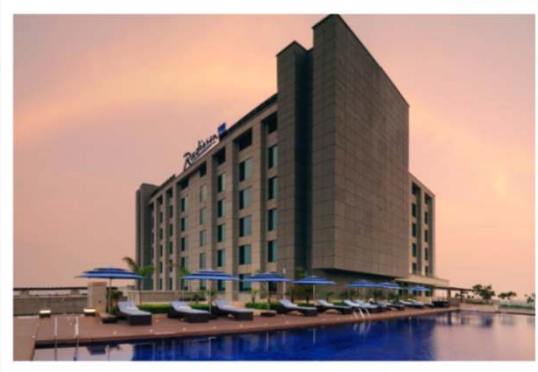


Customer Satisfaction



## **A GLIMPSE OF OUR PRESTIGIOUS PROJECTS**

- Gibraltar Hotel at Bowral, New South Wales, Australia
- ITC Welcome Hotel, Dwarka, New Delhi
- Radisson Blu Hotel, New Delhi Dwarka
- Radisson Blu Paschim Vihar, New Delhi
- Holiday Inn Express, Mahindra World City, Chennai
- India Habitat Centre – Hotel Block, New Delhi
- Country Inns & Suites, Sohna Road, Gurgaon
- Holiday Inn Express, Vegas Centre, Dwarka
- Crowne Plaza, Vegas Centre, Dwarka
- Crystal Sarovar Premier Hotel, Agra
- Renaissance Hotel, Guwahati
- Taj Gateway Resort, Shimla
- Marriott Courtyard, Shillong
- Hyatt Sohna Road, Gurgaon
- Country Inn & Suites, Panipat
- Hyatt Place, Kathmandu
- Holiday Inn, Shahdara
- Ramada, Ghaziabad
- Hyatt Place, Kasauli
- Radisson, Faridabad



- Enkotel Hotel & Serviced Apartments, Badshahpur
- Fortune Select Excalibur, Gurgaon, Haryana
- Hilton Garden, Baneshwor, Kathmandu
- Manor Hotel (Retrofit) & Manor SPA
- Fairfield by Marriott, Katra
- Fairfield by Marriott, Aizwal,
- Fairfield by Marriott, Agra
- Four points by Sheraton, Indore
- Holiday Inn Express, Bangalore
- Marriott Hotel, Kathmandu
- Marriott Courtyard, Kolkata
- Club Babylon, Ahmedabad
- Mercure, Chennai
- Radisson Blu, Bhopal
- Radisson, Gaya
- Sheraton, Srinagar
- Radisson, Dharamshala
- Radisson, Pokhara
- Hyatt, Jaipur





- AAROHAN- Vipul group housing project, Sector 53, Gurgaon
- Residential Development at Sports City, NOIDA
- Residential Development at Greenopolis, Gurgaon
- Woodview Apartments, Sector-89, Gurgaon
- Residential Development at Lotus Green Parkscape, Yamuna Express, Greater NOIDA
- Boomerang Residences, Sector -128, NOIDA



- Saan Verdante Housing Project, Gurgaon
- Community Club and Angsana SPA at Vipul World, Gurgaon
- Golden I, Plot No-11, Techzone IV, Greater NOIDA – Residential Block
- Khaitan House, New Delhi
- Palace at Riyadh, Riyadh
- Ansal Residence, New Delhi
- Jindal Farm House, New Delhi
- JK Farm House at Chattarpur



- Bennett University, Greater Noida
- IIT Kanpur
- IIIT DM Jabalpur
- IIT Kanpur Noida Campus
- IIT Gandhinagar
- Lotus Valley School, Gurgaon
- Lotus Valley School, Greater Noida
- G D Goenka School, New Delhi
- Shri Ram School, Gurgaon
- National Book Trust, New Delhi
- Manavsthal School, New Delhi



- Hamdard Archives, New Delhi
- Khaitan School, Kolkata
- Lady Irwin College, New Delhi
- Suncity School, Gurgaon
- B. D. Memorial School, Kolkata
- Asian School of Media Sciences, Noida
- Indus Valley International School, Kolkata
- St. Paul School, New Delhi
- Frankfin, Udyog Vihar, Gurgaon
- Early Learning Centre, Kerala
- Vega School, Gurgaon





- Apollo Gleneagles Hospital- Phase-I, Kolkata
- Apollo Gleneagles Hospital –Phase-II, Kolkata
- Deen Dayal Upaydhaya Hospital, New Delhi
- G B Pant Hospital, Srinagar
- Indian System of Medicines, New Delhi
- Prime Minister's National Relief Fund –G. K. General Hospital, Bhuj, Gujarat
- Institute of Neurosciences, Kolkata – Peer Review
- Muthoot Hospital, New Delhi



- Dabur Research Foundation, Sahibabad
- Dr. Lal's Path Lab, New Delhi
- Jubilant Organosys, NOIDA
- National Centre For Biological Sciences, Bangalore
- Phytotron Facilities, IARI, New Delhi
- Reckitt Benckiser, Gurgaon
- Bourne Hall IVF Centre, Gurgaon



# IT PARKS & DATA CENTRES

- Tata Tele Services, Hyderabad
- Sify GreenFort Noida
- Fidelity, Gurgaon
- QA InfoTech, NOIDA
- Nokia, Bangalore
- UHG, Gurgaon
- PMIL, NOIDA
- Comverse, Gurgaon
- World Network Service, New Delhi
- WIPRO LTD. (Phase III), Bangalore
- World Network Service, Mumbai
- Technorati Data & Services Ltd., New Delhi
- Techspan India Pvt Ltd., NOIDA
- Emirates Technologies Pvt. Ltd., NOIDA



- RM Software India Pvt. Ltd. , NOIDA
- Emirates Technologies Pvt. Ltd., NOIDA
- Oracle Software, Gurgaon
- NIIT Technologies Sector-63, NOIDA
- Majestic IT Solutions, NOIDA
- Logix Cyber Park, NOIDA
- Hewitt Associates, NOIDA
- HSBC, Gurgaon
- Free Scale, NOIDA
- Flex Call net, NOIDA
- Bharti Infotrac Ltd. , Gurgaon
- Capgemini, Bangalore
- Agilent Technologies, Gurgaon



# OFFICE BUILDING

- MCD, Civic Centre, New Delhi
- Corporate office for NIIT Ltd., Gurgaon
- Corporate office for IFFCO, New Delhi
- Delhi Stock Exchange, New Delhi
- Escorts Research Centre, Faridabad
- Goldman Sachs, Bangalore
- HFCL Group, New Delhi
- NABARD, Assam
- Royal Bank of Scotland, Gurgaon
- TCI Ltd., Gurgaon
- DCC, Union State Group, Dhaka
- Mango Infratech, NOIDA



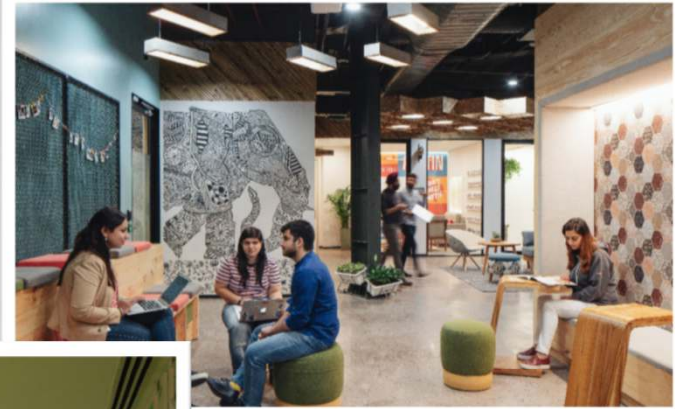
- Times of India, Indian Express Building, New Delhi
- Times of India, Rudramani, Kolkata
- Times of India, Lucknow
- Times of India, Ahmedabad
- BCCL, DCPF, NOIDA
- U-Flex, NOIDA
- Tata Power Company Limited, Bangalore
- Genpact, Sitapura, Jaipur
- Genpact, Gurugram
- Nagarro Campus, Gurgaon
- Bennett & Coleman, NOIDA
- Tata IMT, Faridabad
- HDFC, Motinagar





# INTERIOR FIT OUTS

- Boston Consulting Group, Gurgaon
- NSDC, Aerocity, New Delhi
- Expedia, Gurgaon
- Saxobank, Gurgaon
- Bank of America, Cyber City, Gurgaon
- Optum Global Solutions, Gurgaon
- Concentrix, Gurgaon
- American Express, Gurgaon
- Aon Hewitt, Gurgaon
- E&Y, Aerocity, Delhi
- British Airways, Gurgaon
- Master Card, Gurgaon
- Saudi Aramco, Gurgaon
- Uber, Gurgaon
- Clix, Gurgaon
- Ericsson, Jaipur
- Mckinsey, Gurgaon
- Cvent, Gurgaon



- Amazon, Gurgaon
- Airbnb, Gurgaon
- Deloitte, Gurgaon
- Ciena, Gurgaon
- Corning, Gurgaon
- Schneider, Gurgaon
- RBL, Gurgaon
- Honeywell, Gurgaon
- Mercer, NOIDA
- KPMG, NOIDA
- Coca Cola, Gurgaon
- Oracle, Gurgaon
- Bain & Company, Gurgaon
- NTT Data, NOIDA
- IMF, Aerocity, New Delhi
- Canon, Gurgaon
- Maxlife, Gurgaon
- H & M, New Delhi
- Super Dry, Gurgaon



# MIXED LAND USE PROJECTS

- AIPL Joy Street Project at Sector -66, Gurgaon
- AIPL Business Club Project at Sector -62, Gurgaon
- AIPL Joy Central, Sector- 65, Gurgaon
- AIPL Joy Square, Sector – 62, Gurgaon
- AIPL Joy City, Jalandhar
- AIPL, Autograph, Sector -54, Gurgaon
- AIPL Joy Street, Nagpur
- Reach- 3 Roads, Gurgaon
- Reach – Airia, Gurgaon
- JMS crosswalk, Gurgaon
- Maconnns MLU, Sector 71, Gurgaon
- Golden I, Noida
- AMB, Sector 92, Gurgaon

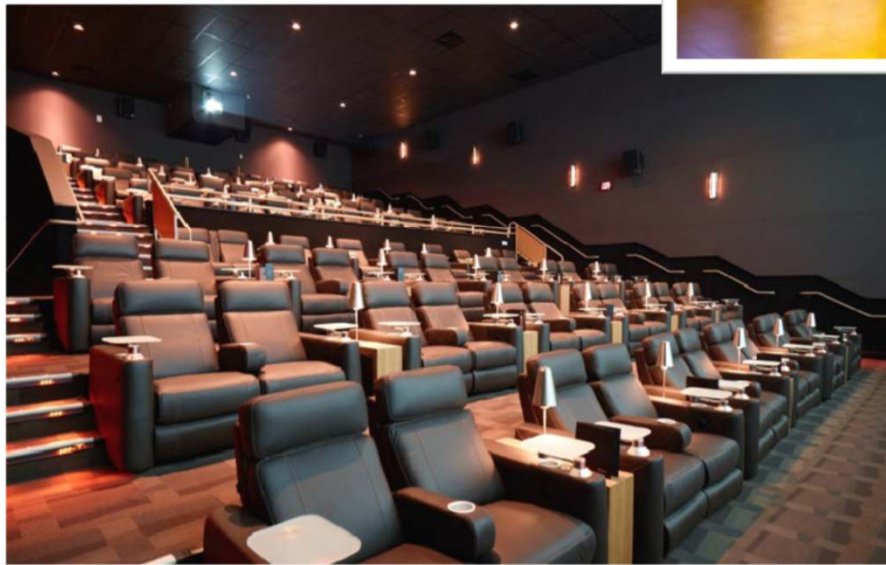


- H<sub>2</sub>O Imperia, Greater NOIDA
- Retail Complex, Neemrana
- Monnet- Trade Tower, Faridabad
- Sikka Downtown, NOIDA
- Elan Mercado, Gurgaon
- AMB- Selfie Square, Gurgaon
- Spaze – Tristar, Gurgaon
- NX<sub>1</sub>, NOIDA
- Soul City Mall, Dwarka
- Emporio Mall, Dwarka
- D- Mall, Paschim Vihar
- Adani- Miracle Mile, Gurgaon





- PVR, Gurgaon
- PVR, Unitech Kolkata
- PVR, Utkal Galleria, Bhubaneswar
- PVR, Akshay Mall, Hubli
- PVR at Centre Point Mall, Dhanbad
- PVR Shangrila Mall Colombo, Srilanka
- PVR, Golden Palm, Jammu
- PVR, Cosmos Mall, Zirakhpur
- Cinepolis, Kochi
- Cinepolis, Mohali
- Cinepolis, Ghaziabad
- Cinepolis, C-Corp, Pune



- Cinepolis, Amritsar
- Cinepolis, Mangalore
- Cinepolis, Jaipur
- Cinepolis, Bangalore
- Cinepolis, Lake City Thane
- Cinepolis, Viva City Thane
- Cinepolis, Nagpur
- Cinepolis, Patna
- Cinepolis, Bhopal
- Cinepolis, Pune
- Cinepolis, Surat
- Cinepolis, Ahmedabad
- Cinepolis Kolkata



- American Embassy, New Delhi
- Canadian High Commission, Chandigarh
- Canadian High Commission, New Delhi
- German Embassy, New Delhi
- Rajasthan Atomic Power Plant, Rawatbhata, Kota
- Assam Valley, Guwahati
- India Islamic Cultural Centre, New Delhi
- National Book Trust, New Delhi
- Aaj Tak Studio, New Delhi
- ITA, Auditorium, Guwahati
- National Gallery of Modern Art, Mumbai
- Salarjung Museum, Hyderabad
- Sir Seewoosagur Ramgoolam, Mauritius
- Asian Schools of Media Studies, NOIDA



- NSDC, New Delhi
- Sarita Handa Showroom, Gurgaon
- Orthodox Church, New Delhi
- St. Mary Church, New Delhi
- Shirdham, Saharanpur
- Patna Sahib, Bihar
- Madame Tussards (Peer Review)
- Stonex Factory, New Delhi
- Legislative Assembly, Nagaland
- Leng Church, Dimapur
- Handcraft Development Centre, Guwahati
- Margherita Auditorium, Assam
- Townhall, Kohima
- Chelsea Mills, Naraina





## AWARDS & RECOGNITIONS

- Received **Platinum Certification** for ecologically sustainable **IRRAD building** in **Gurgaon**.
- Received **Platinum Certification** for **HSBC, Gurgaon**.
- Received **Gold Certification** for Corporate Office for **Dabur India Ltd, Gurgaon**.
- Received **Gold Certification** for **AMEX, Gurgaon Phase – I**.
- Architect and Services consultants received an award of excellence from H E Prof. Abdul Kalam for 550 bedded Super Specialty Hospital at Bhuj.
- Received an award from WNS for outstanding contribution to WNS Global Services during the year 2007-08.
- Received an award for valuable contribution in delivering the project from Oracle in 2015 for Oracle Express Trade, Tower 2 Building, Tower 3 & 4, India.
- Received an award from Comverse in 2014 for special contribution to the establishment of Comverse India COE.
- Received an award in 'HI - AIM' 2016 for presenting "KITCHEN VENTILATION THROUGH CFD ANALYSIS".
- **Mr. Udayan Chaudhari** was awarded **ASHRAE India Chapter Life Time Achievement Award** in 2019.
- **Mr. Udayan Chaudhari** felicitated at **Hi-Aim Colombo, 2019** for his contribution to the HVAC Industry.





## Corporate Office:

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☎ 011-45141825

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