

A Globally Recognised Brand for Contemporary Indian Architecture

morphogenesis.

Delhi Bengaluru 1996-2017

MORPHOGENESIS USP FOR PROJECT DELIVERY

EFFICIENT DELIVERY MECHANISMS Deep understanding of local construction ecology, internal process mechanisms geared to quality and timeliness despite the highly unregulated market

THE BEST OF LOCAL-GLOBAL DESIGN

We bring a strong local, contextual flavor of sustainability led design inculcating affordability, which has the potential to set new benchmarks in project design and experience.

WORLD'S LARGEST OFFICE BUILDING



WORLD'S LARGEST NET-ZERO CAMPUS



WORLD'S LONGEST WATERFRONT PROJECT



WORLD'S LARGEST UNINTERRUPTED PEDESTRIAN PRECINCT



DESIGN EXCELLENCE

GLOBAL RECOGNITION



THE TEAM



SERVICES & SKILLS



PROJECT LOCATIONS



600+ PUBLICATIONS



80+ AWARDS



Ranked for the 6th time in a row among the World's Top 100 Architectural Practices, in Building Design Magazine, UK's WA100 2017 list.

Over 100 Professionals in our **Delhi** and **Bangalore** offices, plus a JV in **Dubai**. Over 40 of our architects have Master's Degrees from reputed national and international Universities

7 distinct verticals provide specialized services in **Masterplanning**, **Residential**, **Commercial**, **Workplace**, **Institutional**, **Hospitality**, **House** through in-house integrated project delivery in **Sustainability**, **Interiors**, **Landscape**, **Digital Technologies and Design Management**

Internationally, we have projects in Bangladesh, Nepal, Bhutan, Sri Lanka, UAE and South Africa

Our work has featured in publications like **The New York Times, Wallpaper Magazine**, The Guardian UK, **Domus Italy, The Times of India**, Economic Times and The Hindu, among others.

The first Indian Practice to win a **WAF Award**, the **Singapore Institute of Architects SIA-Getz Award**, the Architects Regional Council of Asia **ARCASIA Awards** and 5 time winner of the **Indian Institute of Architects Award** for Excellence in Architecture

OUR CLIENTS



Blue-Chip companies form the majority of our clientele; top corporates, institutions and corporate developers























RP-Sanjiv Goenka







Zydus













LOTUS GREENS





DESIGN RECOGNITION | AWARDS | PUBLICATIONS | LECTURES







THE CHICAGO ATHENAEUM















SIA -GETZ ARCHITECTURE PRIZE for Emergent Architecture in Asia

Singapore, 2014





























The New Hork Times

DESIGN PHILOSOPHY



SUSTAINABILITY | THOUGHT LEADERSHIP













India's first LEED Platinum for British Council Interiors & India's first GRIHA Five Star Rating for The British School

Currently **over 50 million square feet** of projects under **Green rating (GRIHA, LEED, IGBC)**

Large-scale **Net zero projects** designed for Indian climatic conditions, as **exemplars of future sustainable design**

GRIHA Council Founder Member, and member GRIHA Technical Advisory Committee

Only Indian practice invited to speak at **International Green Building Conference in Singapore**

Only Indian practice to have **three papers accepted** at the world's premier sustainability conference **PLEA** (Passive and Low Energy Architecture) in 2012 (Pearl Academy), 2014 (Infosys) and 2017 (Wipro)



GRIHA Award for Exemplary Practice Recognition (GYS Prius)

GRIHA 5-Star Pre-Certified (TRIL IT City)







(Jagatjit Office Complex)

SUSTAINABILITY

COMBINING THE WISDOM OF THE PAST AND CUTTING EDGE TECHNOLOGY TO CREATE EXEMPLARS OF SUSTAINABLE DESIGN



Orientation | Morphology Shaded Spaces Addressing Urban Heat Island Effect Harnessing cool winds | Blocking hot-winds Evaporative Cooling Vegetation | Xeriscape Local Materials | Waste management Rainwater Harvesting Water reservoir design

MICROCLIMATE CREATION

Optimized Form | Orientation | Thermal Mass | Insulation | Shading Design | Maximize Day lighting | Minimise Glare | Natural Ventilation | Optimize Views | Geo-Thermal

PASSIVE DESIGN

Energy Efficient | M&E Equipment Active Façade Systems | HVAC | Heat Recovery & Recycling | Control Systems | Sensors & **EFFICIENT SYSTEMS**

Solar | Wind | Biomass | Waste **RENEWABLE ENERGY**

NET-ZERO PROJECT

EPI: Energy Performance Index on primary energy consumption (unit: kWh/sq.m/yr)

140

BEE **Baseline EPI**

(Bureau of Energy Efficiency)

PROVEN STRATEGIES TO REDUCE ENERGY CONSUMPTION TO 75% LOWER THAN GREEN BENCHMARKS









EPI REDUCTION

SUSTAINABILITY MICROCLIMATE

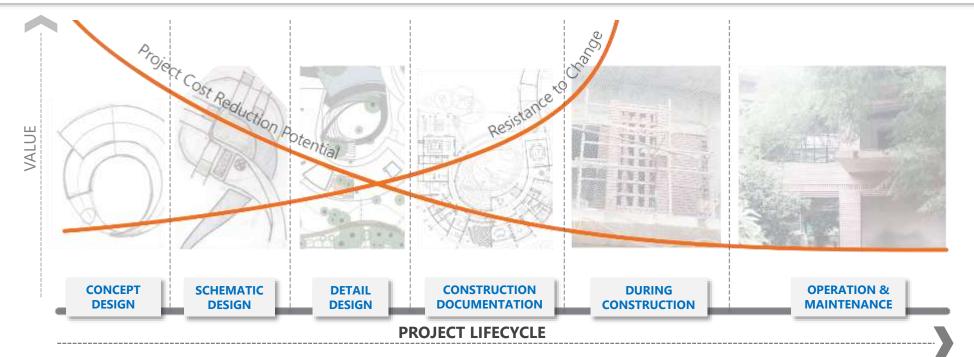
~10°C reduction in perceptible comfort



AFFORDABILITY

OPTIMIZATION OF ALL RESOURCES IS A PRE-REQUISITE TO OUR ARCHITECTURE TODAY





20%

20%

25%

33%

EFFICIENT SPACE PLANNING

Bottom up design strategy reduces construction area for parking spaces < 35 sq.m/Car.

Increase in Spatial Efficiency by 20% with Inside Out Design

STRUCTURE OPTIMISATION

Symmetrical Floor Plates, Central Cores, Optimized Grid Spans, Optimizing building heights leads to lower structural cost.

CAPITAL COST

M&E OPTIMISATION

Passive Design, Envelope Optimization along with efficient systems enable an overall reduction in M&E capital cost.

SMART FAÇADE

25% WWR with 90% Daylighting and 90% Shading enables a substantial reduction in Façade Cost

OPERATIONAL COST

80%

60%

LIGHTING COST

Designing for 90% Daylighting and Zero glare results in reduction in lighting loads

HVAC COST

Microclimate creation + Passive design results in reduction in HVAC cooling loads (with an envelope load of <1W/sft)

COMMON AREA M & E

Reduction in M&E common area maintenance costs through passive design

60%

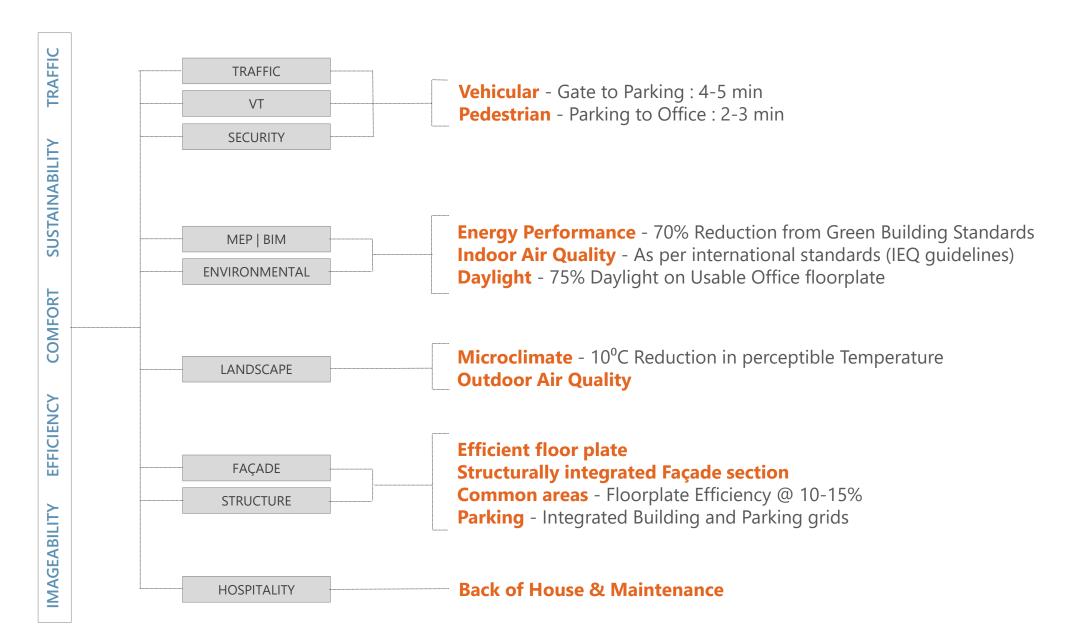
FACILITIES MAINTENANCE

Reduction expected due to lesser installation of M&E equipment

20%

AFFORDABILITY | INTEGRATED PROJECT DELIVERY

BRINGING VALUE TO THE DESIGN PROCESS



IDENTITY SHOULD ARCHITECTURE HAVE AN IDENTITY?







IDENTITY

AN ARCHITECTURE OF ALMOST SOMEWHERE



Architecturally we celebrate identity and diversity versus visual homogeneity. We think of our buildings and cities as bazaars, places of human interaction along with being places of human habitation. Our design responds to the local climate & ecology, yet is mindful that the project must be

globally pertinent.

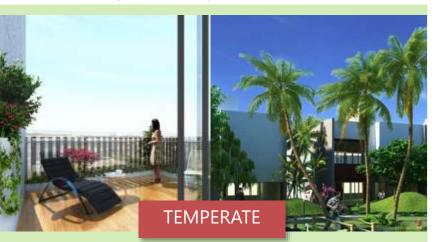




Morphogenesis projects across Climatic Zones







LIVABILITY

BUILDING SMART COMMUNITIES BY PLACING THE USER AT THE CENTRE OF THE DESIGN



PEOPLE



We design aspirational spaces that allow users to truly experience their environment and leave a lasting memory, yet balanced with the rigours of achieving efficiency for the client. Core elements we focus on are healthy indoor environments and an interactive, engaging and safe public realm to create a strong sense of community



ENVIRONMENT



At Morphogenesis, approach to the environment moves beyond sustainability in energy, waste and water, to include socio-cultural and financial sustainability as well. A combination of the wisdom of the past and cutting edge technology creates a high-performance, low-consumption environment that builds resilience for the future.



TECHNOLOGY

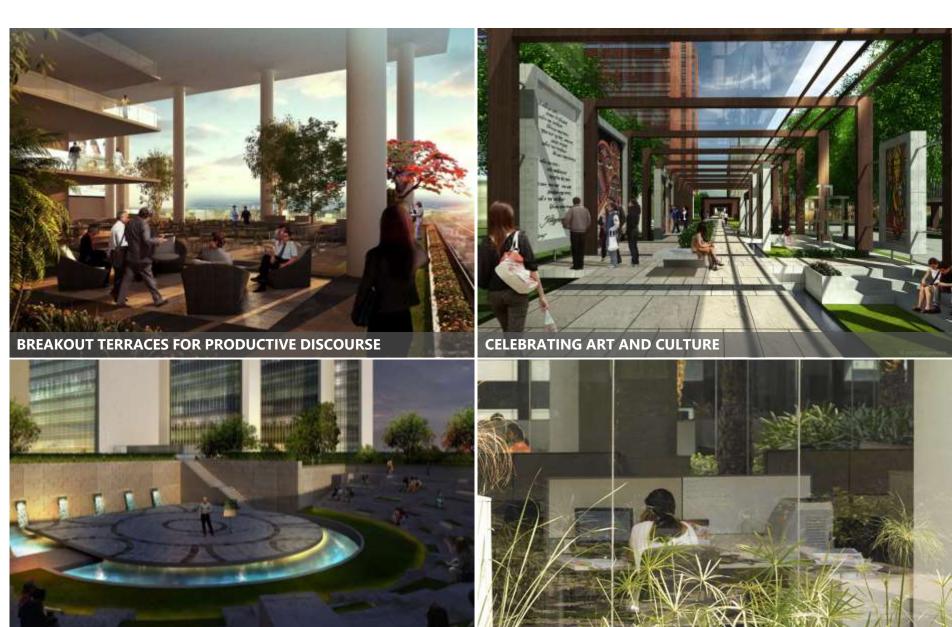


With SMART cities and technology being at the forefront of architectural thought today, we look at Technology as a means to an end; one that enhances Livability. Morphogenesis defines SMART as Sustainability, Mobility, Affordability, Resilience and Technology.



LIVABILITY | WORKPLACES

SOCIAL INTERACTION PLACEMAKING

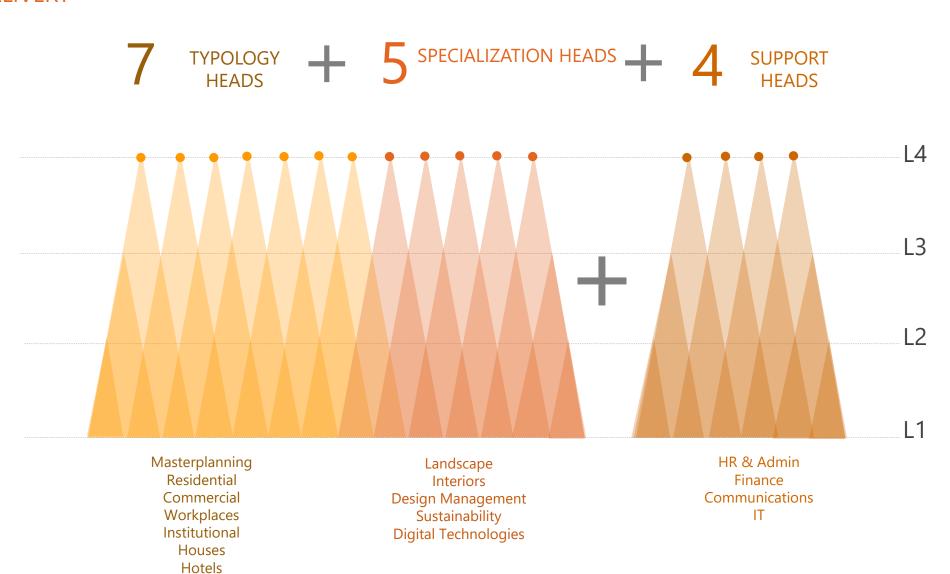


INTEGRATING 'OUTSIDE' AND 'INSIDE'

REJUVENATING SPACES FOR AFTER OFFICE INTERACTION

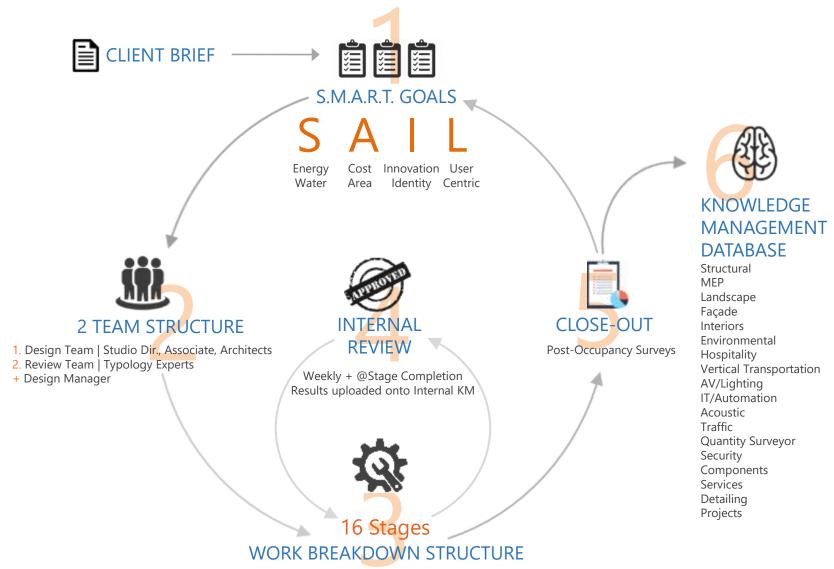
ORGANIZATION FRAMEWORK

BRINGING ALL OUR SPECIALIZATIONS TOGETHER THROUGH INTEGRATED PROJECT DELIVERY



DESIGN MANAGEMENT

QUALITY, INNOVATION AND A LONG-TERM CLIENT ENGAGEMENT



Design Package | Project Goals Achieved Project Package | Completeness, Quality, Leanness

ORGANIZATIONAL QUALITY

AN INSPIRATIONAL WORKPLACE



HR POLICIES

Diversity & Flexibility
Recruit and Retain the Best
Best Learning & Development
Housing Ownership Policy
360° PMS



TECHNOLOGY

100% Compliant
CAD Standards
Fully BIM enabled
Hardware N+1
Business Continuity Management
& Disaster Recovery Plan

PEOPLE
PRACTICE &
PROCESS
QUALITY



KNOWLEDGE MANAGEMENT

A repository of internal and external **Best Practices** across specializations



CSR

Morphogenesis Education
Delhi Nullahs
Aanganwadi
High-altitude Rock-cut Architecture
Cancer Hospital in Guwahati

MASTER PLANNING



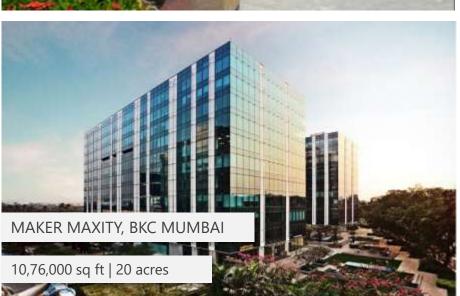






COMMERCIAL | MIXED USE & OFFICES









COMMERCIAL









COMMERCIAL | RETAIL









COMMERCIAL | IT AND R&D



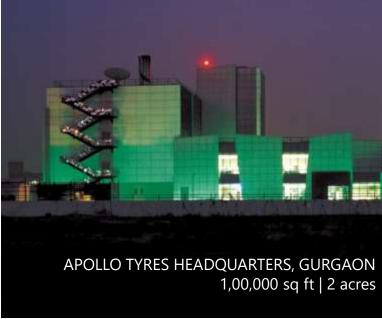






WORKPLACE | CORPORATE













HOUSING | HIGH RISE









HOUSING | MID RISE









HOUSING | LOW RISE









LUXURY PRIVATE RESIDENCES

ANSHU JAIN, DEUTSCHE BANK

CO-CHAIRMAN OF GLOBAL BOARD & CO-CEO

RAJAN MITTAL, BHARTI ENTERPRISES

VICE CHAIRMAN AND MD

ONKAR KANWAR, APOLLO TYRES LTD

CHAIRMAN

RAJEEV MISRA, SOFTBANK

HEAD OF STRATEGIC FINANCE

RAJIV MEMANI, ERNST & YOUNG

CEO & COUNTRY MANAGING PARTNER

PRATIMA REDDY, GVK INFRA

CHAIRPERSON

SANJIV GOENKA, RP-SG GROUP

CHAIRMAN









HOSPITALITY | URBAN









HOSPITALITY | RESORT









INSTITUTIONS | K12 SCHOOLS





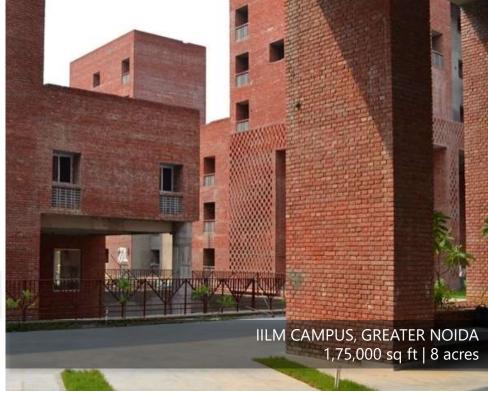


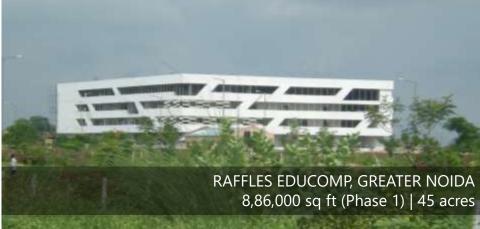


INSTITUTIONS | UNIVERSITIES









INSTITUTIONS | AUDITORIUMS









LANDSCAPE

- Namami Gange Project
- Atlanta City
- Desert Habitat, Dubai
- Chhattisgarh Tourism-DPR
- Uttorayon Township
- Integrated Township DBH
- Kumarakom Resort
- Century Retreat
- The Lalit
- · Adani Shantigram
- ITC Mixed-Use Development
- NIMA College, Bhutan
- BIAL Airport
- Villa Development for SP Realty
- Zydus Corporate Office
- Vidyashilp School Yelankha
- Mariegold Residences
- Hamdard Headquarters
- India Glycols Headquarters
- Apollo Headquarters
- Arpora Boutique Hotel & Resort
- Shree Udyan Residence
- · Dalmia Residence
- Lutyens' Bungalow
- Residence in Delhi
- Architects' House + Studio
- Traveler's House
- Fort House







TOURISM CIRCUIT, CHHATTISGARH 500 acres



INTERIORS









AWARDS

INTERNATIONAL

International Architecture Awards, Office Building Concept, 2015

The SIA Getz Award for Emergent Architecture in Asia, Singapore, 2014

Arcasia Awards for Architecture, Honorable Mention, 2014

8th Saint Gobain Gypsum International Trophy, London 2012

AIT Award, Winner, Germany 2012

FuturArc Green Leadership Award, Singapore 2011

International Design Awards, Winner (Architecture), USA 2009

World Architecture Festival Awards, Best Learning Building, Barcelona 2009

Green Good Design™ Award- The European Centre for Architecture Art Design and

Urban Studies and the Chicago Athenaeum, 2009

Cityscape Architectural Review, Special Award for Environmental Design, Dubai 2007

NATIONAL

12th CWAB Awards, India's Top Architects, 2017

Indian Building Congress (Smt. Satya Goel Memorial Award, 2016 of IBC), 2017

Architectural Digest India, AD50 2017

Pool Magazine, India's Best Design Studio Awards- Architecture, 2016

The Merit List, Citation, 2016

Architectural Digest, Top 50 Influential Architects, 2016

CWAB Award, India's Top Architects of the Decade, 2015

NDTV Design and Architecture Awards, 2015

HUDCO Award, New and Innovative Town Design Solutions/Eco-Cities, Commendation, 2013

Indian Institute of Architects Award, Excellence in Architecture, Public Category, Winner, 2013









PUBLICATIONS

INTERNATIONAL

Aspire Design and Home, BookNook Morphogenesis: The Indian Perspective. The Global Context, Summer 2017

Real Leaders, Building the Future by Looking to Past, June 2017

Architects' Homes, Architect's House+ Studio, Australia, May 2017

Shopping Experience Volume 3, City Center, China, March 2017

Better Homes Magazine, An interconnected World, Abu Dhabi, February 2017

FuturArc, Architecture of Learning, IILM, Singapore, January 2017

Indonesia Design, Balancing Conservation and the Contemporary, Indonesia, January 2017

WA 100 (BD), World's Largest Architecture Practices, UK, January 2017

The sub/urban idea, Redaktion van Uffelen, Germany, November 2016

Archdaily, Artisan House / Morphogenesis, September 2016

Parametricism 2.0: Rethinking Architecture's Agenda for the 21st Century, UK, March 2016

NATIONAL

GoodHomes, Building the Dreams, July 2017

Hindustan Times, Global Meets Local, July 2017

Elle Décor, Book Mark: Morphogenesis Monograph, July 2017

India Today Home, Sustainable Living, June 2017

The Indian Express, Investigating Spaces, June 2017

Ideal Home and Garden, Cover Focus-Sonali Rastogi, June 2017

Home Design and Trends, The big Guns, June 2017

Inside Outside, Two decades of milestone buildings showcased, May 2017

HT Mint, Architecture firm Morphogenesis blends the traditional with the modern, April 2017

Architectural Digest India, April 2017



The New york Times



Chronicle





LECTURES

SEAD SRM University, Modern Antiquity + Morphogenesis Monograph, March 2017, Chennai

The LyFe Symposium, Transformation of cities and impact the future of Luxury', March 2017, Delhi

Brown University Arts Symposium re|Act, Water and Constructed Space, March 2017, Rhode Island

CII Sotheby's Global Luxury Realty Conclave, Future of the Real Estate industry, February 2017, Delhi

The GRIHA Summit 2016, Cities of the Future, February 2016, Delhi

Jakarta Architecture Triennale (JAT) 2015, November 2015, Jakarta

AIMA (All India Management Association) 4th Young Leaders Retreat, November 2015, Goa

Indian Institutes of Architects- Ahmedabad Centre, Vision 2025, September 2015, Ahmedabad

International Green Building Conference (IGBC), Unique Green Building Solutions, September 2015, Singapore

Architecture + Design Chit Chat, Architecture, Material and Technology, July 2015, New Delhi

EXHIBITIONS

The State of Architecture, 2016, Mumbai

The Festival of Architecture and Interior Designing, 2015, Delhi

Opening event "AIT Award 2012 – The Exhibition" with Gus Wüstemann+Christian Pottgiesser, 2012, Germany

Urban Islands: Architecture 10, 2010, Sydney, Australia

Timeless @ Experimenta Design Festival, 2009, Lisbon

The Fractal Metropolitan layer, Vistaar II, The Gallery Stainless, 2009, New Delhi

Evolutionary Environments, Renssalaer University, 1997, New York

Critical Projects, 1997, R.I.B.A. London

Manit Rastogi, Richard Rogers, Norman Foster, Michael Hopkins, F.O.A. etc.

Evolutionary Environments, Manit Rastogi- Solo Exhibition, ROM, Gallerie for Arkitektur, 1996, Oslo, Norway











