



INTRODUCTION

Building Zero Consultancy is a **sustainability and green building consultancy** developed with a vision to take regional leadership in facilitating all the stakeholders from design profession like architects, interior designers, product designers, builders and private users to create spaces and products which exemplify the best green and sustainable practices. Building Zero Consultancy has already created an **ecological footprint** of over **20,00,000 sq.ft. and 25,45,000 sq.ft.** is underway to make a sustainable impact in all the building types ranging from a private house to affordable housing, a residential society to a commercial business center, a green school to a green religious center, a green factory to an existing building and there forth.

Building Zero Consultancy believes in a wholistic approach to sustainability and thus focuses not only on achieving environmental sustainability with its projects but also aim for economic and social sustainability aspects with the **people, planet and profit**, all in synchrony. Building Zero Consultancy believes in doing a lot of research to base their ideas towards new sustainable models with scientific proof through a variety of **computer-based simulations and ideations to create climate responsive and high-performance designs.** We strive to inspire, educate and create a SUSTAINable future!

VISION

“Environmentally, the world today is in dire straits! We envision India to be the forerunner in fixing these environmental issues, and as a firm, we would like to take regional leadership in facilitating all the stake holders like design professionals, developers and private users, to create spaces which exemplify the best green and sustainable practices!

We are completely committed to a greener tomorrow for our future generations, and shall do everything possible to reach out and help out all who desire to join the green movement!”

OBJECTIVES

1. To provide comprehensive green building and green environment solutions through awareness drives and consultancy models to all the stake holders of building industry.
2. Coming from architectural design background, to facilitate the design professionals to create scientific and meaningful climatically responsible designs through ideations and simulations support.
3. To provide understanding about the tangible and intangible benefits of green buildings to the developers as well as private users through seminars and one-to-one meetings.
4. To handhold all the interested stake holders right through the process of design to execution to occupancy to operations in creating green buildings and environments.
5. To carry out relevant research in the field of sustainability and dissipate the knowledge to the students, professionals and society at large.

OUR COMPREHENSIVE SERVICES

1

GREEN BUILDING CERTIFICATION

LEED, GRIHA, IGBC, ECBC, LIVING BUILDING CHALLENGE

2

ENERGY MODELLING

WHOLE BUILDING SIMULATION USING IESVE AND EQUEST WITH ECM RECOMMENDATIONS

3

CLIMATIC ANALYSIS

SUN PATH, SHADING, RADIATION AND PSYCHROMMETRIC CHART ANALYSIS FOR YOUR SITE

4

AUDITING & COMMISSIONING

ENERGY, IAQ, WATER AND HVAC SYSTEMS AUDIT TO UNDERSTAND ITS USAGE PATTERNS

5

DAYLIGHTING ANALYSIS

DAYLIGHT PENETRATION AND ILLUMINANCE RENDER ANALYSIS USING RADIANCE

6

FAÇADE DESIGN

HIGH PERFORMANCE BUILDING ENVELOPE DESIGN WITH INSIGHTS FROM CLIMATIC, THERMAL AND DAYLIGHTING ANALYSIS

7

GREENCO AND GREENPRO SUPPORT

LIFE-CYCLE ANALYSIS, COST-BENEFIT ANALYSIS, SUSTAINABILITY REPORT ANALYSIS

8

ADVANCING NET ZERO BUILDINGS

NET ZERO WATER, ENERGY, WASTE, CARBON ANALYSIS AND IMPLEMENTATION

9

EDUCATION AND AWARENESS

WORKSHOPS, SEMINARS & DESIGN-CHARTER FOR ALL THE STAKEHOLDERS

10

RENEWABLE ENERGY GENERATION POTENTIAL

SOLAR PV ON-SITE AND OFF-SITE WIND BIOMASS BIOGAS

OUR JOURNEY UNTIL NOW...

10

IGBC Platinum Rated projects

10

Registered ongoing green projects

92/100 credits

Highest rated Green Interiors office space in India – Head office of Transit Electronics Limited, Surat

75/75 credits

Highest rated Green Individual Home in India – Nirant Residence, Surat

1st in Gujarat – 2nd in India

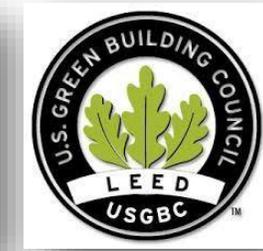
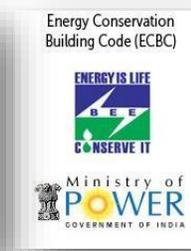
IGBC Net Zero Energy Project
Diamond Office + Factory of Shairu Gems Diamonds Pvt. Ltd. Surat

1st Carbon Neutral Company Diamond Company in India

Shairu Gems Diamonds Pvt Ltd

1st Green SEZ in India

IGBC Green Existing Cities Project
Kandla Special Economic Zone



20,00,000 sq.ft.

Green Spaces Certified

25,45,000 sq.ft.

Green Spaces Underway

Worked on

Green School
Green Office
Green Factory
Green Industrial City
Green Existing Building
Green Homes
Green Existing Building
Net Zero Energy Building

Carbon Footprint Analysis for Company and Product

Have taught more than 200 students about green buildings & sustainability at SCET, SID & BMU

CERTIFIED AND REGISTERED GREEN BUILDING PROJECTS



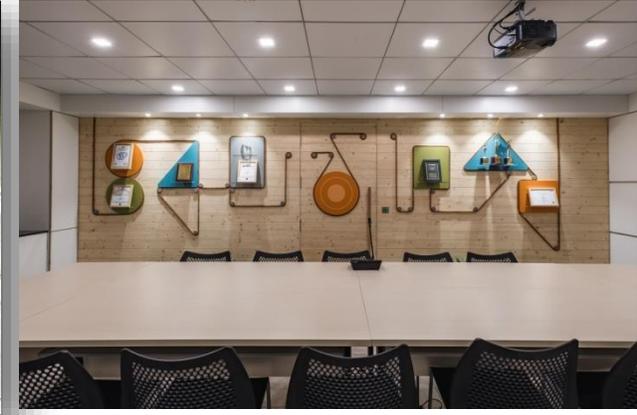
**M/s K. Girdharlal International Pvt. Ltd. /
Surat / 1,60,000 Sq Ft/2018**

***IGBC Certified Platinum Rated Green
Factory Building (Existing Category)***



**Svasti – Residence for Snehal and Saloni
Shah / Surat / 7850 sq.ft. / 2017**

***IGBC - Platinum Certified Green Home
(Individual Residential Unit Category)***



**Transit Electronics Limited – Head Office,
Surat**

***IGBC - Platinum Certified Green Interiors
(Highest Rating of 92 out of 100 – Greenest
Interior Office in India)***



**Oasis Valleys / Chanod, Vadodra / 41,000
sq.ft. / 2018**

***IGBC Registered for Green Existing
Building Category***



**Diamond Factory for Ankit Gems Pvt. Ltd. /
Surat / 1,43,000 sq.ft.**

IGBC - Platinum Certified Green Factory



**Eye Hospital for Divya Jyoti Trust, Mandvi /
2,00,000 sq.ft. / 2018**

***IGBC Registered for Green Healthcare
Category***



**Residence for Mr. Pramod Chaudhary/ Surat /
28,100 Sq Ft / 2018**

***IGBC Registered for Green Homes Category
(Individual Homes Category)***



**Hills Nursery and Day-care / Surat / 33,000
Sq Ft / 2018**

IGBC Platinum rated Green School

CERTIFIED AND REGISTERED GREEN BUILDING PROJECTS



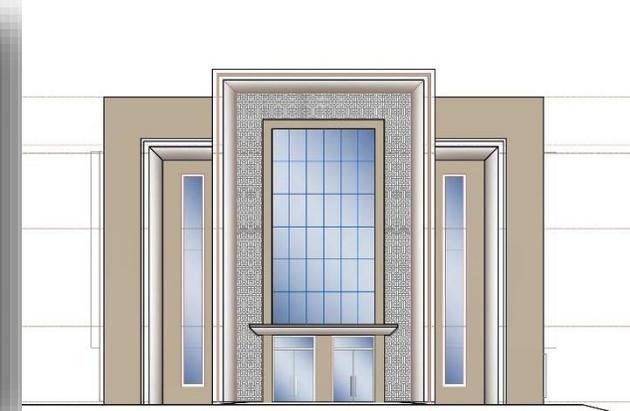
**Diamond Factory for Shairu Gems Pvt. Ltd. -
Rushabh Building / Surat / 45,000 Sq Ft /
2018**
IGBC Platinum Rated Green Existing Factory



**Diamond Factory for Shairu Gems Pvt. Ltd. /
Surat / 80,000 sq.ft. / 2018**
***IGBC Net Zero Rated Building – 1st in Gujarat
and 3rd in India***



**Sarvajanik College of Engineering &
Technology / Surat / 3,00,000 Sq Ft / 2018**
***IGBC Registered for Existing Building
Category***



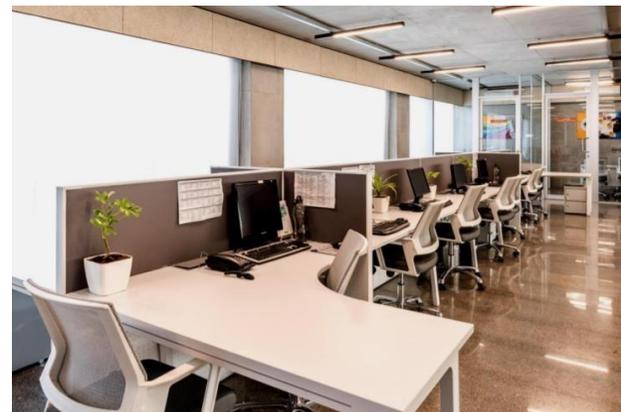
**Ismaili Jamatkhana (Delta Welfare Center/
Surat / 23,450Sq Ft / 2019**
***IGBC Reverent rated Green Places of
Worship***



Sugat Residency / Surat / 15,600 sq.ft.
***IGBC registered for Green Affordable
Housing Category***



**Delta Woods / Mira Road, Thane / 1,45,000
sq.ft.**
***IGBC registered for Green Affordable
Housing Category***



Jainam House / Surat / 18,000 sq.ft.
IGBC Platinum Rated Interior Office



Nirant Residence/ Surat / 12,800 sq.ft.
***IGBC Platinum Rated Green Home –
75/75 points achieved – Greenest House
in Gujarat – 2nd Greenest House in India***

CERTIFIED AND REGISTERED GREEN BUILDING PROJECTS



**Diamond Factory for Laxmi Gems / Surat /
25,000 Sq Ft / 2020**
IGBC registered for Green Existing Interiors



Rupal Hospital / Surat / 10,000 sq.ft. / 2019
IGBC registered for Green New Interiors



**Kandla Special Economic Zone /
Gandhidham / 1000 acres / 2021**
IGBC Registered for Green Industrial City



**Aga Hall Estate / Mumbai / 16,65,000 Sq Ft /
2021**
***IGBC Platinum rated Pre-certified Green
Homes Ver 3***

And the journey continues...

OUR ESTEEMED CLIENTS



ankit gems™
Buy From Us, Be Assured

