

# ***Atomep Enteam***

**Private Limited**

Connect > Coordinate > Conserve



# SHAILENDRA VYAS

## -Managing Director

### Qualification

- **Mechanical Engineer**
- **34 + years of experience of HVAC & MEP projects in following industries**
- Process industries - Textiles, Pharmaceuticals, Cold Rooms and Refineries
- Public Institutions - Education Institutions. Airports, Data centres
- Hotel & Hospitality - Hospitals, Hotels, Malls, Offices, Residential
- Peer review of HVAC Designs for various applications
- India's First smart city – GIFT city at Gandhinagar

### Affiliation

- President - ISHRAE ISHRAE AHMEDABAD CHAPTER -2019-20 , Member of ISHRAE Technical committee.
- PRESIDENT - ASHRAE, Western India Chapter – 2024-26. MP Chair -2020-21,21-22.
- **Member of ISHRAE / ASHRAE / FSAI / IGBC / NAREDCO**



# GAURANG PATEL

- Director



## Qualification

- **B.E.(Mechanical Engineering)**
- **M.E. (Mechanical Engineering)**
- **20 + years of experience of HVAC & R and MEP projects in India, Middle east, Malaysia, Singapore and USA in following industries**
- District Cooling Systems
- High rise commercial building
- Hospital, Hotels, and Laboratories
- Datacenter, Industrial project ( Utility services)
- Pharmaceutical & Bulk drug Industry

## Affiliation

- Chair for ISHRAE Technical Group – District Cooling System
- President – ISHRAE Ahmedabad Chapter.
- ASHARE Western India Chapter as CTTC – Chair

## Publication

- Published article on “ India's First District Cooling system at GIFT city” in ISHRAE Journal - and REHVA (Federation of European Heating, Ventilation and Air Conditioning Associations) Journal.
- <https://www.rehva.eu/rehva-journal/chapter/indias-first-district-cooling-system-at-gift-city>

# APOORV TRIPATHI

- Director

## Qualification

- **B.E Civil Engineering (Nirma University)**
- **M.E Water Resources Engineering (NIT Surat)**
- Water resources engineer with 12+ years of post-graduate experience in the field of water resources engineering mainly focusing on hydrodynamic modeling of rivers, reservoirs, channels, drainage networks, estuaries and floodplains using one and two-dimensional modeling tools.

## Key Experience

- Worked on multiple water resource and flood modelling project of US, UK, Australia, Middle East and New Zealand.
- Hydrodynamic modelling using 1D-2D models
- Hydrological assessments and modelling
- Plumbing Design
- Design of hydraulic structures with modelling
- Real time flood forecasting
- Flood risk assessments
- Remote Sensing and GIS
- GPU Computing



# AKASH SAKARIYA

- Electrical Head



## Qualification

- **B.E Electrical Engineering**
- **12 + years of experience in Electrical Engineering**
- Process industries - Textiles, Pharmaceuticals, Cold Rooms
- Public Institutions - Education Institutions, Airports, Data Centers
- Hotel & Hospitality - Hospitals, Hotels, Malls, Offices, Residential, High-rise Commercial Buildings
- India's First smart city – GIFT city at Gandhinagar

## Key Experience

- Designing Electrical Distribution Systems (High / Low / Extra Low Voltage systems)
- Calculations for Cable, Transformer, D.G set, Earthing, Lightning Protection System, Illumination, DG Set, UPS Sizing Battery and Battery Charger Sizing.
- Preparation of well co-ordinate electrical drawings, specifications, BOM, Data sheets for electrical system.
- Preparation of complete and consolidated tender with tender specifications and drawing submissions.
- Design for Energy Management System.



# Our Offices

Connect > Coordinate > Conserve

## AHMEDABAD

316-317, Central by  
Sangath IPL, B/h 4D  
Square Mall, Motera,  
Ahmedabad, Gujarat.  
380005

## SURAT

223, Square One  
Commercial, Bhimrad-  
Althan Road, Nr. Dhiraj  
Sons Super Market,  
Althan, Surat, Gujarat.  
395017





# About us

Connect > Coordinate > Conserve

01

## Location

We are situated in Ahmedabad and Surat with 35+ Engineers.

02

## Experience

Working in the field for more than 10 years of experience.

03

## Our clients

Completed 200+ successful project in last decade.

04

## Projection

Building Tomorrow, Today:  
Innovating MEPF Solutions for  
a Sustainable Future



# OUR SERVICES



## HIGHRISE BUILDINGS

Accredited for 150m tall building in GIFT City



## HOSPITAL BUILDINGS

Completed 20+ Hospital design in our tenure.



## INDUSTRIAL BUILDINGS

Providing Designs of MEPF and Utility services such as Compressed air, Process water, Hot water, Steam piping for various industries.



# OUR SERVICES



## FLOOD STUDIES

Flood analysis for proposed development areas.



## HYDROLOGY STUDIES

Completed 30+ solar plant hydrology studies and continue.



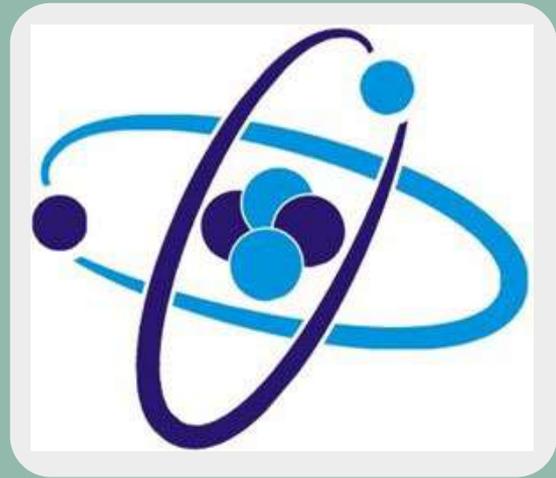
## GIS STUDIES

Working in an innovative environment of satellite to generate GIS data.



# INDUSTRIAL BUILDINGS

Connect > Coordinate > Conserve





Trutzschler



Shubham Extrusion



Indospace Ware houses & Industrial Park



Vestas



GMR Cargo Terminal, Hyderabad



ALP Nishikawa



GMR Cargo Terminal, Mopa



Techlong Packaging Machinery



KHS Machinery

	<b>Industrial Buildings</b>	<b>Status</b>
1	Vestas (Denmark) Wind Turbine Blade Mfg. Factory, Changodar	Completed
2	ALP Nishikawa, Sanand, Ahmedabad	Completed
3	Cargo Terminal, Mopa, Goa (GMR )	Completed
4	Truetzschler India Private Limited, Sanand, Ahmedabad	Completed
5	Techlong Packaging, Bavla, Ahmedabad	Completed
6	Piramal Glass Limited, Kosamba – Clean Room	Completed
7	Subham extrusion, Ahmedabad	Completed
8	Ribosome Pharmaceuticals, Kim	Completed
9	Mitsui Chemicals (PV Test Lab), Changodar, Ahmedabad	Completed
10	The Baker's Dozen, Kheda, Ahmedabad	Completed
11	Panchamrut Dairy, Godhra, Panchmahal	Completed
12	Astral Pipe, Orissa	Completed
13	Amrutva Fine Food, Mehsana, Gujarat	Completed
14	Shubham Extrusion, Ahmedabad	Completed
15	Indospace Ware Houses, Farukhnagar, Haryana.	Completed
16	Cargo terminal, Bhogapuram air port	Completed
17	Shree chem, Kadi	Completed
18	Amrutva fine foods, Mehsana	Completed
19	Vilas transcore, Vadodara	Completed
20	Green brilliance, Vadodara	Completed
21	Takshil Dairy, Dehgam, Ahmedabad	Completed



	<b>Industrial Buildings</b>	<b>Status</b>
22	KHS Machinery, Mahemdabad, Gujarat	Ongoing
23	Extension of GMR Cargo terminal -1 Hyderabad	Ongoing
24	Indospace Ware Houses A3 & A4, Chakan, Pune	Ongoing
25	Indospace Ware Houses, Bhiwandi, Maharashtra	Ongoing
26	Indospace Ware Houses, CCDPL, Bilaspur, Haryana.	Ongoing
27	Torrent Electrical Ltd, Nadiad ( 80 Acre plot)	Ongoing
28	Farmton food, Siddhapur ( French fries)	Ongoing
29	IFFCO – Cordet building	Ongoing
30	Autorise Empower cold storage, Mehsana	Ongoing
31	Crown world wide, Gurgaon	Ongoing
32	Fakirsons pepchem, Ahmedabad	Ongoing
33	Greenwave foods, Mehsana, Gujarat	Ongoing
34	Kusum polyplast, Assam	Ongoing
35	Indore speciality, Savli, Vadodara	Ongoing
36	Luxor stationery, Vithalapur, Gujarat	Ongoing
37	Skipper Ltd, Kolkata	Ongoing
38	Vishakha Polyfab, Kolkata	Ongoing
39	Akshay patra foundation – Jammu & Jodhpur	Ongoing
40	Fornax Recycling Technologies, Ahmedabad	Ongoing
41	Dhaval packaging, Sanand	Ongoing
42	Centanary Geo textile, Kheda, Ahmedabad	Ongoing





Bhavnagar Port With Container yard, RO-RO terminal, Liquid terminal and Multi commodity port



<b>Port and Industrial Park</b>		<b>Status</b>
1	Bhavnagar port	Completed
2	EACL Port, Dar-e-salam, Tanzania	Ongoing
3	WCT port, Colombo, Srilanka	Completed
4	Haldia port, West Bengal	Completed
5	Kattupalli port, Tamilnadu	Completed
6	Mapple Industrial Part, Vapi, Gujarat	Completed
7	Senegal India Industrial Part, Senegal	Ongoing
		Status
		Completed
<b>Solar Industrial Project</b>		<b>Status</b>
1	Green brilliance, Vadodara	Completed
2	Solarization of Motera town, 15 MWh BESS, Motera	Completed
3	Eximus New energy, Veravadal, Gujarat	Completed
4	Solarium, Dholera	Ongoing



Certificate No. Eng. - 128



**GUJARAT INTERNATIONAL FINANCE TEC-CITY CO. LTD.  
GANDHINAGAR, GUJARAT**

**CERTIFICATE OF ACCREDITATION OF PROFESSIONALS**

This certificate is issued to

**ATOMEP ENTEAM PRIVATE LIMITED**

as Accredited Professional of  
Gujarat International Finance Tec-City (GIFT)

for the - Professional Category - "Engineer – MEPF"  
and

Development Area "High Rise Buildings (above 100 – 150 M.)

This Accreditation is valid for the period of three years from the date of this certificate.

For Gujarat International Finance Tec-City Co. Ltd.

Authorized Signatory

Company Seal



Date: 10.12.2021

Valid up to :09.12.2024

Ref.:- Application No. 1F22BF25

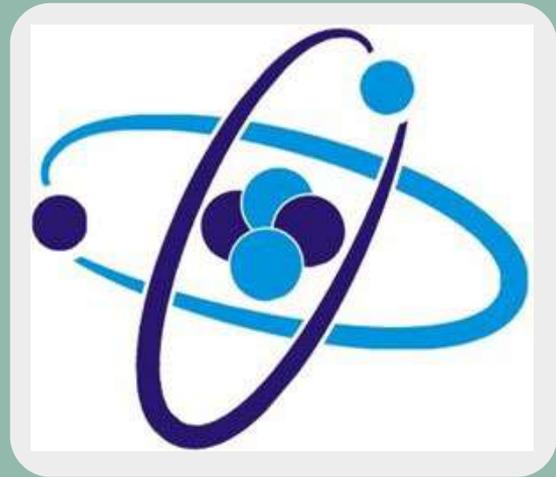
Place: GIFT City, Gandhinagar

**Accredited MEPF  
consultant up to  
150m tall buildings  
in GIFT City,  
Gujarat, India.**



# HIGH RISE BUILDING

Connect > Coordinate > Conserve





	<b>Project Name</b>	<b>Height (Meters)</b>	<b>Status</b>
1	GIFT 1, Gift City - Commercial	122	Completed
2	GIFT 2, Gift City - Commercial	122	Completed
3	LIC Signature - Commercial	85	Completed
4	Shivalik Curv - Commercial	120	Ongoing
5	Reva – Residential & Commercial	120	Ongoing
6	Sobha Dream Heights - Residential	118	Completed
7	SBI LHO - Commercial	60	Completed
8	Fintech Hub - Commercial	118	Ongoing
9	Narmada - Commercial	118	Ongoing
10	Estella (Green Building) – Residential & Commercial	70	Ongoing
11	Centrade, Noida - Commercial	95	Ongoing
12	Shivalik Skyview - Residential	118	Ongoing
13	Flex One - Commercial	100	Ongoing
14	Vida by Nila - Residential	118	Ongoing
15	SBI - Residential	115	Ongoing
16	Oryx - Commercial	110	Ongoing





	<b>Project Name</b>	<b>Height (Meters)</b>	<b>Status</b>
1	GIFT 1, Gift City - Commercial	122	Completed
2	GIFT 2, Gift City - Commercial	122	Completed
3	LIC Signature - Commercial	85	Completed
4	Shivalik Curv - Commercial	120	Ongoing
5	Reva – Residential & Commercial	120	Ongoing
6	Sobha Dream Heights - Residential	118	Completed
7	SBI LHO - Commercial	60	Completed
8	Fintech Hub - Commercial	118	Ongoing
9	Narmada - Commercial	118	Ongoing
10	Estella (Green Building) – Residential & Commercial	70	Ongoing
11	Centrade, Noida - Commercial	95	Ongoing
12	Shivalik Skyview - Residential	118	Ongoing
13	Flex One - Commercial	100	Ongoing
14	Vida by Nila - Residential	118	Ongoing
15	SBI - Residential	115	Ongoing
16	Oryx - Commercial	110	Ongoing





	<b>Project Name</b>	<b>Height (Meters)</b>	<b>Status</b>
1	GIFT 1, Gift City - Commercial	122	Completed
2	GIFT 2, Gift City - Commercial	122	Completed
3	LIC Signature - Commercial	85	Completed
4	Shivalik Curv - Commercial	120	Ongoing
5	Reva – Residential & Commercial	120	Ongoing
6	Sobha Dream Heights - Residential	118	Completed
7	SBI LHO - Commercial	60	Completed
8	Fintech Hub - Commercial	118	Ongoing
9	Narmada - Commercial	118	Ongoing
10	Estella (Green Building) – Residential & Commercial	70	Ongoing
11	Centrade, Noida - Commercial	95	Ongoing
12	Shivalik Skyview - Residential	118	Ongoing
13	Flex One - Commercial	100	Ongoing
14	Vida by Nila - Residential	118	Ongoing
15	SBI - Residential	115	Ongoing
16	Oryx - Commercial	110	Ongoing





	<b>Project Name</b>	<b>Height (Meters)</b>	<b>Status</b>
1	GIFT 1, Gift City - Commercial	122	Completed
2	GIFT 2, Gift City - Commercial	122	Completed
3	LIC Signature - Commercial	85	Completed
4	Shivalik Curv - Commercial	120	Ongoing
5	Reva – Residential & Commercial	120	Ongoing
6	Sobha Dream Heights - Residential	118	Completed
7	SBI LHO - Commercial	60	Completed
8	Fintech Hub - Commercial	118	Ongoing
9	Narmada - Commercial	118	Ongoing
10	Estella (Green Building) – Residential & Commercial	70	Ongoing
11	Centrade, Noida - Commercial	95	Ongoing
12	Shivalik Skyview - Residential	118	Ongoing
13	Flex One - Commercial	100	Complete
14	Vida by Nila - Residential	118	Ongoing
15	SBI - Residential	115	Ongoing
16	Oryx - Commercial	110	Ongoing





Centrade, Noida



Estella (Green Building)



Sobha Dream Heights



Narmada



Fintech Hub



Shivalik Skyview



Vida by Nila



Flex One



Oryx



SBI LHO

# HOSPITAL BUILDING

Connect > Coordinate > Conserve





	<b>Hospital Buildings</b>	<b>No. of Beds</b>	<b>Status</b>
1	U N Mehta Institute of Cardiology & Research Centre	1250	Ongoing
2	PIU Stemcell Hospital, Surat	300	Completed
3	PIU Civil Hospital, Bharuch	100	Completed
4	PIU Kidney & Ophthalmic Hospital, Ahmedabad	1200	Completed
5	Epic Hospital, Sola , Ahmedabad	100	Completed
6	Hospital project At Tanzania	200	Completed
7	Epic Hospital, Rajpath road, Ahmedabad	450	Completed
8	Shri Sairam Foundation Trust Hospital, Bardoli	300	Completed
9	PIU Hospital and Medical Collage, Navsari	1200	Ongoing
10	Hospital and Medical Collage, Rajpipla	430	Ongoing
11	LG Hospital, Ahmedabad	850	Ongoing
12	Mother and Child Hospital, Vadodara	880	Ongoing
13	Civil Hospital, Anand	300	Ongoing
14	Civil Hospital, Mehsana	350	Ongoing
15	Civil Hospital, Visnagar	100	Ongoing
16	Civil Hospital, Bhavnagar	1400	Ongoing
17	Civil Hospital, Palitana	550	Ongoing
18	Cardiac and Kidney hospital, Vadodara	450	Ongoing
19	Civil Hospital, Tharad	200	Ongoing
20	Civil hospital, Sola	800	Ongoing





	<b>Hospital Buildings</b>	<b>No. of Beds</b>	<b>Status</b>
1	U N Mehta	1250	Ongoing
2	PIU Stemcell Hospital, Surat	300	Completed
3	PIU Civil Hospital, Bharuch	100	Completed
4	PIU Kidney & Ophthalmic Hospital, Ahmedabad	1200	Completed
5	Epic Hospital, Sola , Ahmedabad	100	Completed
6	Hospital project At Tanzania	200	Completed
7	Epic Hospital, Rajpath road, Ahmedabad	450	Completed
8	Shri Sairam Foundation Trust Hospital, Bardoli	300	Completed
9	PIU Hospital and Medical Collage, Navsari	1200	Ongoing
10	Hospital and Medical Collage, Rajpipla	430	Ongoing
11	LG Hospital, Ahmedabad	850	Ongoing
12	Mother and Child Hospital, Vadodara	880	Ongoing
13	Civil Hospital, Anand	300	Ongoing
14	Civil Hospital, Mehsana	350	Ongoing
15	Civil Hospital, Visnagar	100	Ongoing
16	Civil Hospital, Bhavnagar	1400	Ongoing
17	Civil Hospital, Palitana	550	Ongoing
18	Cardiac and Kidney hospital, Vadodara	450	Ongoing
19	Civil Hospital, Tharad	200	Ongoing
20	Civil hospital, Sola	800	Ongoing





	<b>Hospital Buildings</b>	<b>No. of Beds</b>	<b>Status</b>
1	U N Mehta	1250	Ongoing
2	PIU Stemcell Hospital, Surat	300	Completed
3	PIU Civil Hospital, Bharuch	100	Completed
4	PIU Kidney & Ophthalmic Hospital, Ahmedabad	1200	Completed
5	Epic Hospital, Sola , Ahmedabad	100	Completed
6	Hospital project At Tanzania	200	Completed
7	Epic Hospital, Rajpath road, Ahmedabad	450	Completed
8	Shri Sairam Foundation Trust Hospital, Bardoli	300	Completed
9	PIU Hospital and Medical Collage, Navsari	1200	Ongoing
10	Hospital and Medical Collage, Rajpipla	430	Ongoing
11	LG Hospital, Ahmedabad	850	Ongoing
12	Mother and Child Hospital, Vadodara	880	Ongoing
13	Civil Hospital, Anand	300	Ongoing
14	Civil Hospital, Mehsana	350	Ongoing
15	Civil Hospital, Visnagar	100	Ongoing
16	Civil Hospital, Bhavnagar	1400	Ongoing
17	Civil Hospital, Palitana	550	Ongoing
18	Cardiac and Kidney hospital, Vadodara	450	Ongoing
19	Civil Hospital, Tharad	200	Ongoing
20	Civil hospital, Sola	800	Ongoing





	<b>Hospital Buildings</b>	<b>No. of Beds</b>	<b>Status</b>
1	U N Mehta	1250	Ongoing
2	PIU Stemcell Hospital, Surat	300	Completed
3	PIU Civil Hospital, Bharuch	100	Completed
4	PIU Kidney & Ophthalmic Hospital, Ahmedabad	1200	Completed
5	Epic Hospital, Sola , Ahmedabad	100	Completed
6	Hospital project At Tanzania	200	Completed
7	Epic Hospital, Rajpath road, Ahmedabad	450	Completed
8	Shri Sairam Foundation Trust Hospital, Bardoli	300	Completed
9	PIU Hospital and Medical Collage, Navsari	1200	Ongoing
10	Hospital and Medical Collage, Rajpipla	430	Ongoing
11	LG Hospital, Ahmedabad	850	Ongoing
12	Mother and Child Hospital, Vadodara	880	Ongoing
13	Civil Hospital, Anand	300	Ongoing
14	Civil Hospital, Mehsana	350	Ongoing
15	Civil Hospital, Visnagar	100	Ongoing
16	Civil Hospital, Bhavnagar	1400	Ongoing
17	Civil Hospital, Palitana	550	Ongoing
18	Cardiac and Kidney hospital, Vadodara	450	Ongoing
19	Civil Hospital, Tharad	200	Ongoing
20	Civil hospital, Sola	800	Ongoing



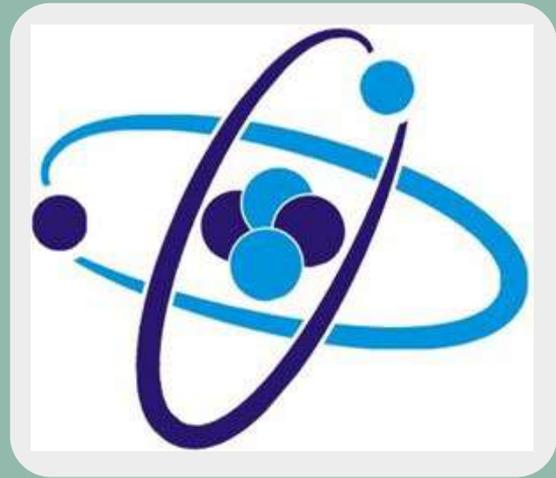


	<b>Hospital Buildings</b>	<b>No. of Beds</b>	<b>Status</b>
1	U N Mehta	1250	Ongoing
2	PIU Stemcell Hospital, Surat	300	Completed
3	PIU Civil Hospital, Bharuch	100	Completed
4	PIU Kidney & Ophthalmic Hospital, Ahmedabad	1200	Completed
5	Epic Hospital, Sola , Ahmedabad	100	Completed
6	Hospital project At Tanzania	200	Completed
7	Epic Hospital, Rajpath road, Ahmedabad	450	Completed
8	Shri Sairam Foundation Trust Hospital, Bardoli	300	Completed
9	PIU Hospital and Medical Collage, Navsari	1200	Ongoing
10	Hospital and Medical Collage, Rajpipla	430	Ongoing
11	LG Hospital, Ahmedabad	850	Ongoing
12	Mother and Child Hospital, Vadodara	880	Ongoing
13	Civil Hospital, Anand	300	Ongoing
14	Civil Hospital, Mehsana	350	Ongoing
15	Civil Hospital, Visnagar	100	Ongoing
16	Civil Hospital, Bhavnagar	1400	Ongoing
17	Civil Hospital, Palitana	550	Ongoing
18	Cardiac and Kidney hospital, Vadodara	450	Ongoing
19	Civil Hospital, Tharad	200	Ongoing
20	Civil hospital, Sola	800	Ongoing



# COMMERCIAL AND OFFICE BUILDINGS

Connect > Coordinate > Conserve





Rajhans Texile Market



Rajhans Blue Cloud



Rajhans Skylar



Rajhans Relife



Kalamandir Corporate House



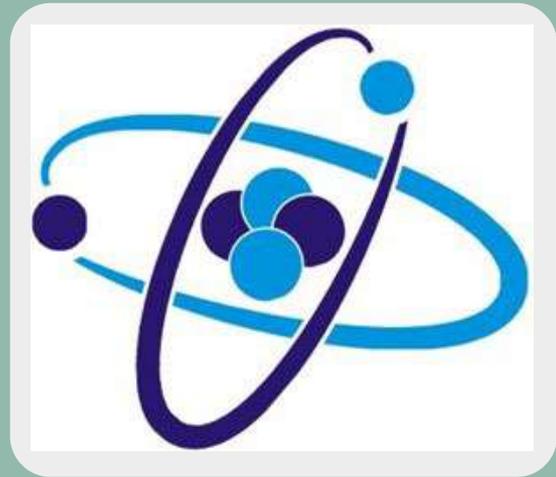
Rajhans Precia



Lubi Corporate Office

# INSTITUTIONAL BUILDINGS

Connect > Coordinate > Conserve



## *Institutional Buildings*

1	Sports Complex, Vastral
2	Swarnim Gujarat Sports Sankul, Desar, Baroda
3	Town Hall, Gandhinagar
4	Town Hall, Ellis Bridge
5	Assembly Hall, Amul Dairy, Anand
6	SMC Auditorium, Katargam, Surat
7	Auditorium, Godhra
8	Sports Sankul, Naroda
9	Guru Govind University, Godhra





Sports Complex, Vastral



Sports Sankul, Naroda



Town Hall, Ellis Bridge



Guru Govind University, Godhra



SMC Auditorium, Katargam

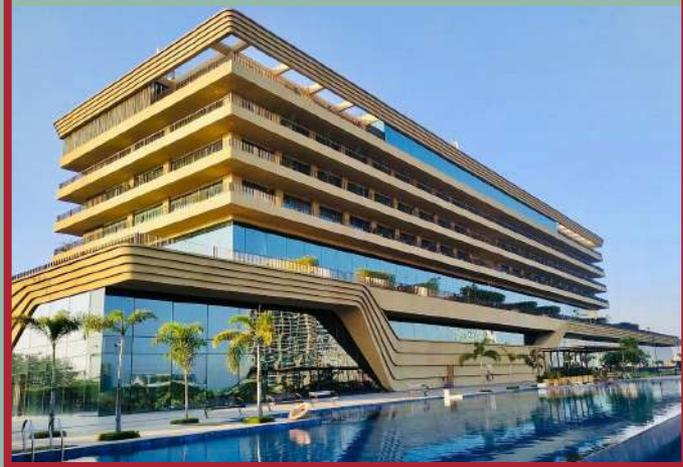


Swarnim Gujarat Sports Sankul, Desar

# HOTELS AND HERITAGE BUILDINGS

Connect > Coordinate > Conserve





GIC Club, Gift City



Lemon Tree Hotel, Rajkot



Bhavanta Resort, Bardoli, Surat



The Fern Wisteria Resort, Dhari



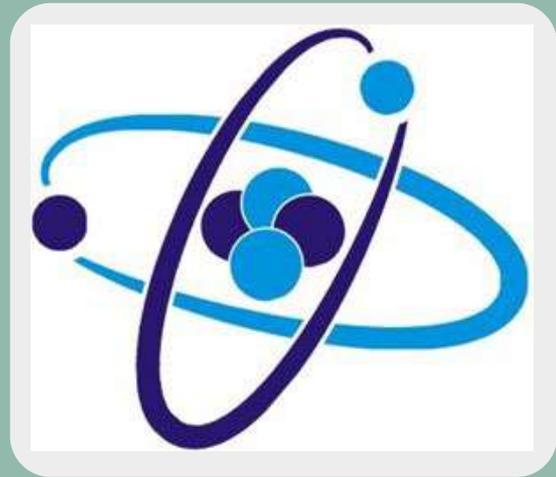
Fortune Select, Ahmedabad



Fateh Prakash Palace, Udaipur

# SPECIALIZED PROJECTS

Connect > Coordinate > Conserve



## Specialized Projects

1	Augmentation of MEPF services for Ahmedabad International Airport
2	GIFT City – District Cooling System
3	GIFT City – Underground Utility Tunnel
4	Tribal Museum, Rajpipla
5	Feasibility Study for District Cooling System, Adani Reality, Bandra Mumbai
6	Feasibility Study for District Cooling System, Laxmi Estate, Andheri Mumbai
7	Solarization of Modhera town – BESS, Modhera, Gujarat (Mahindra Susten)
8	Maple Industrial Park, Vapi





Sardar Vallabhbhai Patel International Airport



Maple Industrial Park at GIDC | Industrial Plots at Phase 1, Vapi Gujarat

**MAPLE** Industrial Park  
Taking India to the World

### THE BEST OF BOTH WORLDS

ADVANTAGES OF AN INDUSTRIAL PARK	ADVANTAGES OF GIDC
INCREASES THE QUALITY OF GOODS AND SERVICES	INFRASTRUCTURE AND STATE OF THE ART FACILITIES
BRINGS BUSINESSES TOGETHER	TITLES OF BLDG LAND/BUILDING ARE CLEAR
REDUCES ENVIRONMENTAL IMPACT ON INDUSTRIES	REGULAR MAINTENANCE AND UPGRADATION OF INFRASTRUCTURE
EXISTING INFRASTRUCTURE TO DEPEND ON	FACILITATES CLUSTER BENEFITS RELATED TO RAW MATERIAL, MARKET, TECHNOLOGY

District Cooling System, Gift City



Tribal Museum, Rajpipla



Solar Village, Modhera



Underground Utility Tunnel



# Expanding Footprint

Connect > Coordinate > Conserve

01

**Highrise building**

> 11 Mn Sq ft.

02

**Industrial**

>12 Mn Sq ft.

03

**Hospital**

>12000 Beds

04

**Infra works**

> 1200 Acre

05

**Residential &  
Commercial**

> 27.5 Mn Sq ft.



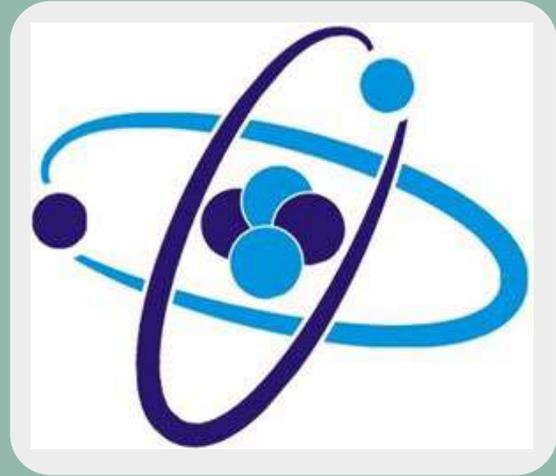
# OUR PRESENCE

- Gujarat
- Maharashtra
- Rajasthan
- Madhya Pradesh
- Uttar Pradesh
- Telangana
- Andhra Pradesh
- Tamil Nadu
- Odisha
- West Bengal
- Assam
- Haryana
- Jammu & Kashmir
- Goa
- Puducherry



# INTERNATIONAL PROJECTS

Connect > Coordinate > Conserve



## *International Projects*

- |   |  |
|---|--|
| 1 | Bomas International Convection Center, Nairobi, Kenya          |
| 2 | WCT Port, Colombo, Srillanka                                   |
| 3 | EACL Container Yard, Dar-e-Salem, Tanzania                     |
| 4 | Senegal india Industrial park (102 & 150 Acre), Dakar Senegal. |



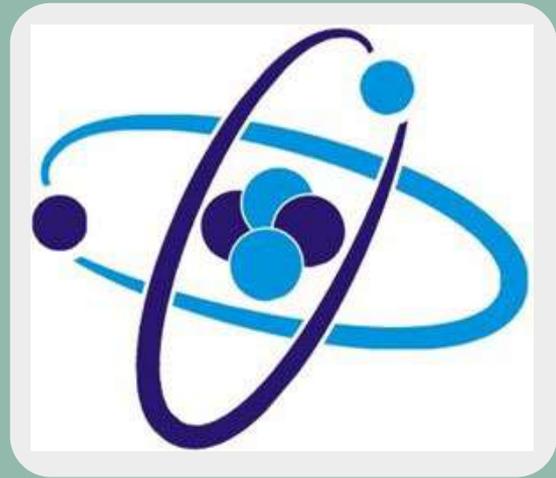
Bomas International  
Convection Center, Kenya



EACL Container Yard,  
Dar-e-Salam, Tanzania

# SOLAR PROJECTS

Connect > Coordinate > Conserve



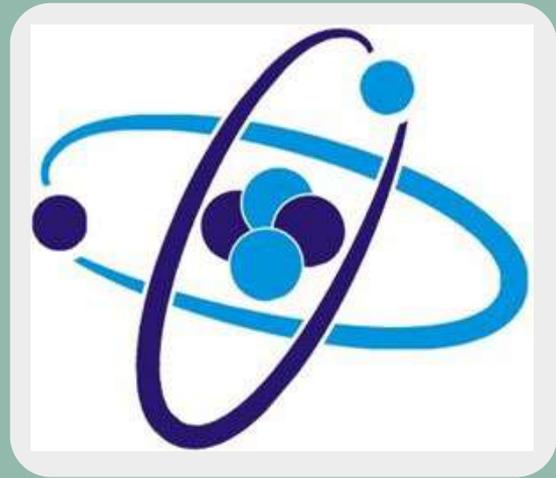
## Solar Projects

1	Green Field Solar Park, Kutchh – 5000 MW
2	Solar Park at Jalna by Insolar
3	Coca Cola Solar Park, Tamilnadu by Insolar
4	Baldota 1 and Baldota 2, Karnataka
5	AIG, Karnataka by Insolar
6	Plot Z2 and Plot X, Reliance Solar Park
7	Welspun Parcel 1 and 2, Kutchh
8	Plot C1, C2, C3, Z1, Y and D, Reliance Solar Park
9	Welspun Solar Park, Hajjpir



# HYDROLOGY & GIS STUDIES

Connect > Coordinate > Conserve



# HSGF INTEGRATED WATER MANAGEMENT SOLUTIONS

## HYDROLOGY

- a Catchment Delineation
- b Flow Path Assessment
- c External Water Flow & Volume
- d Critical Storm Duration
- e Land use and landcover mapping

## SURFACE WATER

- a IDF Curve Generation
- b Calculating water load
- c Evaluation of water system
- d Surface water balance
- e Integrated water management recommendations

## GROUND WATER

- a Geophysical Survey
- b Hydrogeological Study
- c Ground water management recommendations
- d Surface water to ground water balance

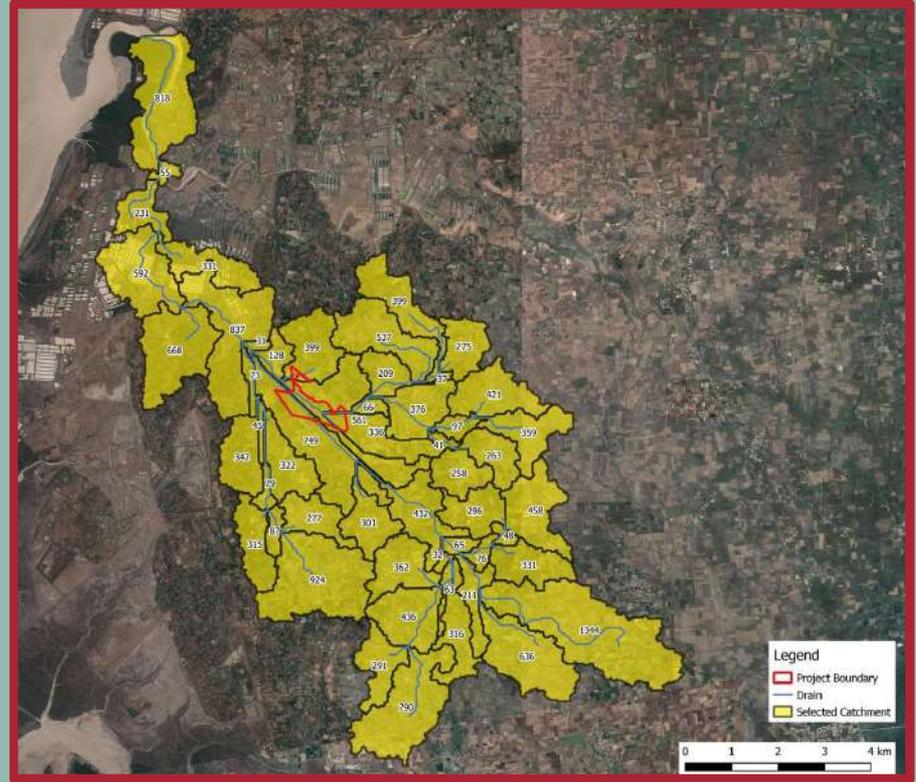
## FLOOD ANALYSIS

- a Development of Hydraulic Model
- b Pre/ Post development Model Study
- c Flood Mitigation Suggestions
- d Define Safe Development Levels



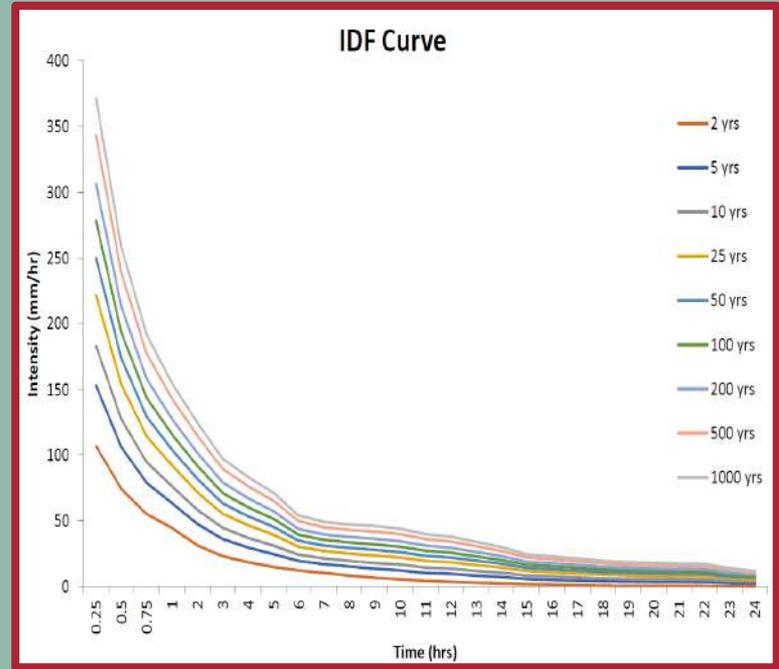
# HYDROLOGY STUDY

1. Watershed Study
2. Land use and Land cover mapping
3. Catchment Delineation
4. Flow Path Assessment
5. External Water Flow & Volume
6. Rainfall & Runoff Calculation



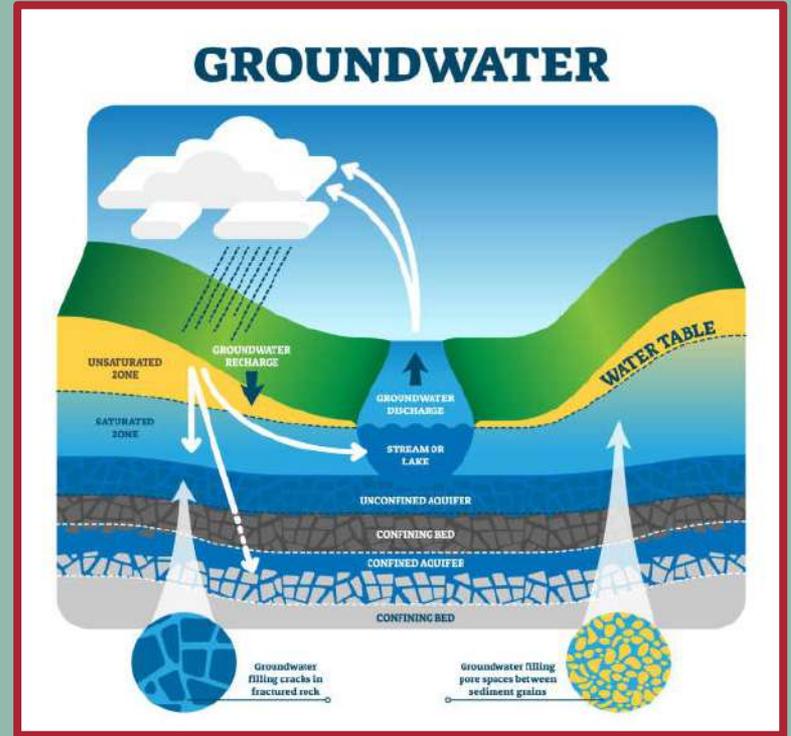
# SURFACE WATER ASSESSMENT

1. Estimation of internal water flow and volume
2. Water demand calculation
3. Evaluation of water system
4. Intensity – Duration – Frequency (IDF) Curve
5. Surface water balance
6. Integrated water resource planning and management recommendations
7. Stormwater drainage network design



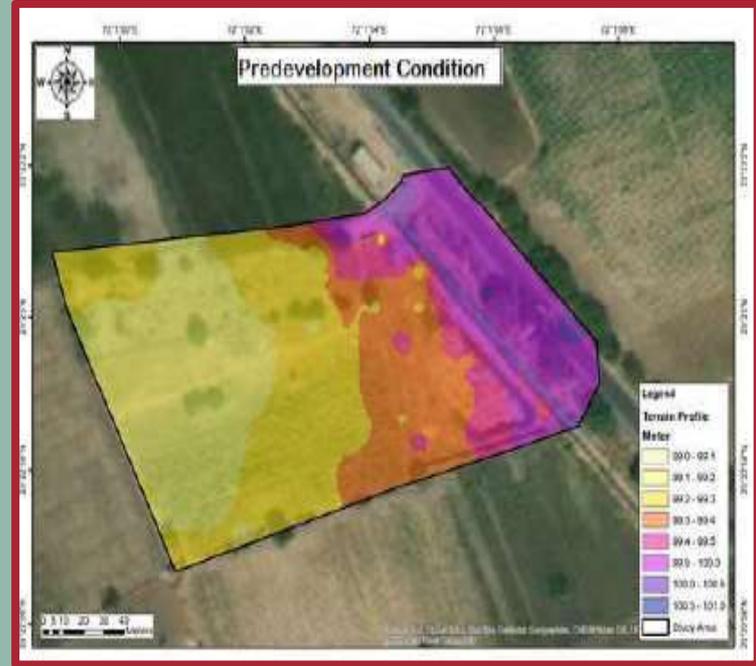
# GROUNDWATER STUDY

1. Estimation of internal water flow and volume
2. Geophysical survey
3. Magnetic survey
4. Hydrogeological study
5. Groundwater modelling
6. Groundwater balance
7. Rainwater harvesting system design



# FLOOD ANALYSIS

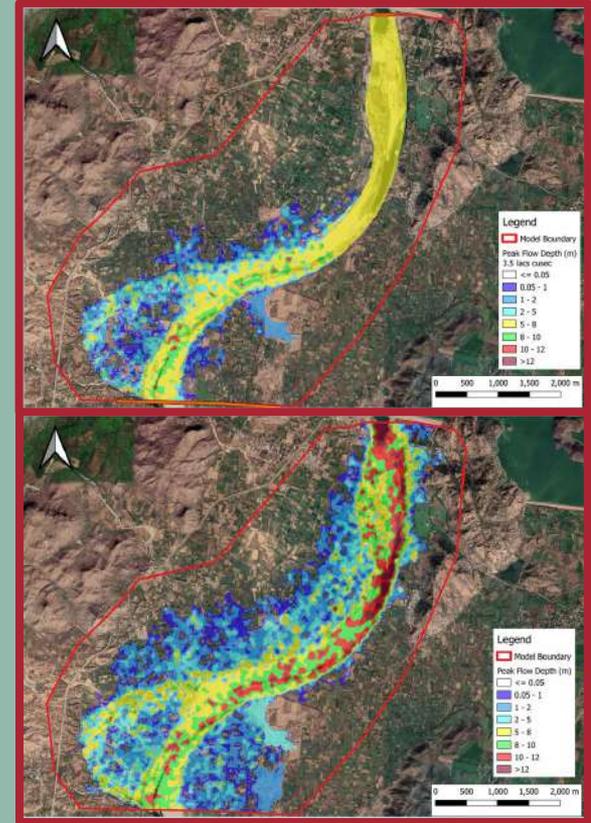
1. Pre / Post development model study
2. Development of hydraulic model
3. Flood hazard mapping
4. Define safe development levels
5. Peak-flow depth
6. Peak-flow velocity
7. Water-surface elevation
8. Flood mitigation suggestions



# DHAROI RIVERFRONT DEVELOPMENT PROJECT

The objective of this study was to evaluate the impacts in the vicinity by varying discharge from hydraulic structures. The study was proposed to undertake the flood analysis for visualization of flood information to prepare, the conceptual development plan to derive structural sizes of water-retaining elements like retaining walls and barrage.

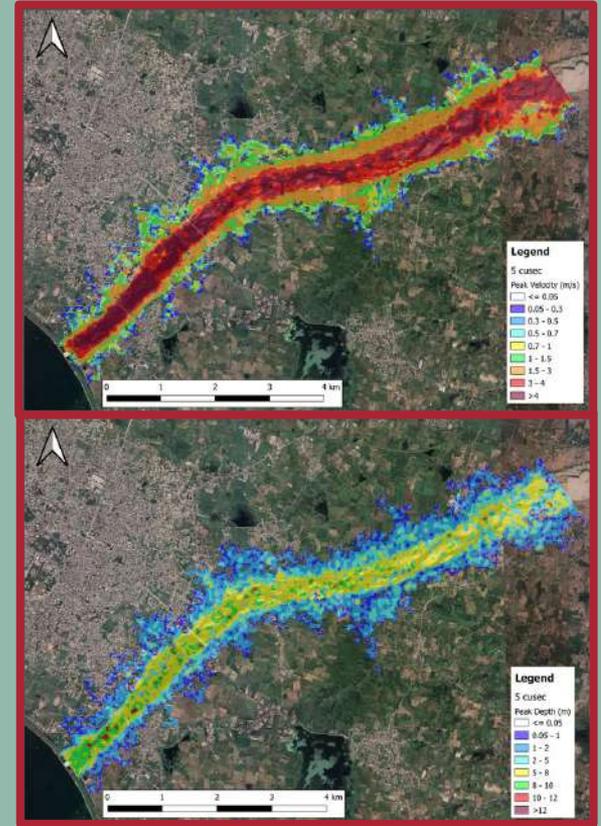
The downstream of the Dharoi dam has opened to front development with the possibility of a new tourism avenue. The dam is a gravity dam on the Sabarmati River near Dharoi, Mehsana district of northern Gujarat in India on 24.0043° N, 72.8537° E coordinates. The dam was constructed in 1978, for irrigation, power generation, and flood control.



# LOWER MANAIR RIVERFRONT DEVELOPMENT PROJECT

The Lower Manair Dam is located on the Manair River at 18°24' N latitude and 79° 20' E longitude in Karimnagar District at Km.146 of Kakatiya Canal. The Manair River is a tributary of the Godavari River and the dam is built across the river at the confluence with Mohedamada River. The Telangana state government is working on the development of the Lower Manair Riverfront Development with adventure and entertainment themes.

Hence, a flood study was proposed to evaluate the flooding scenario for different discharge conditions from Dam site. These flood maps will form the basis for the decision makers/ designers/ planners.



# MEMBERSHIP AND ACCREDITATION



Let us make a sustainable world ahead!  
**-THANK YOU**



**Atomep Enteam**

Private Limited

Email: [admin@atomep.com](mailto:admin@atomep.com)