

SETU

INFRASTRUCTURE



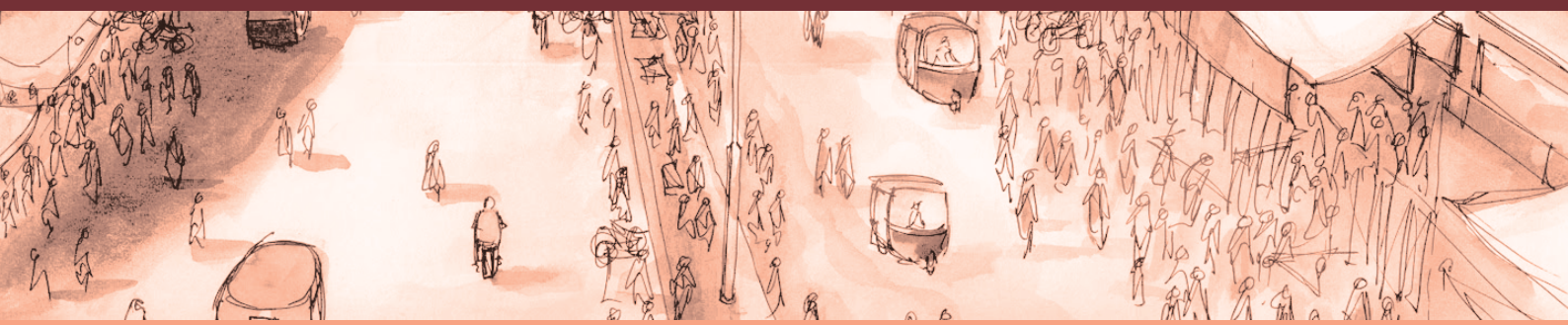


General History

SETU INFRASTRUCTURE
was established in 1988.

**PARTNERS - AMRUT H. PATEL
JIGISH S. PATEL
NIYAT V. PATEL**

We have specialization in Structural and Earth retaining design of residential, commercial, industrial and public related structure as well as MEPF design.





Design Principle

We believe that any building design by an Architect has its own importance, functionality and uniqueness.

We respect the effort by an Architect and client so we suggest the structural system in such a way that it will not disturb the soul of the building

Service



Scope of Services

Structural Design

Value Addition in Structural Detail

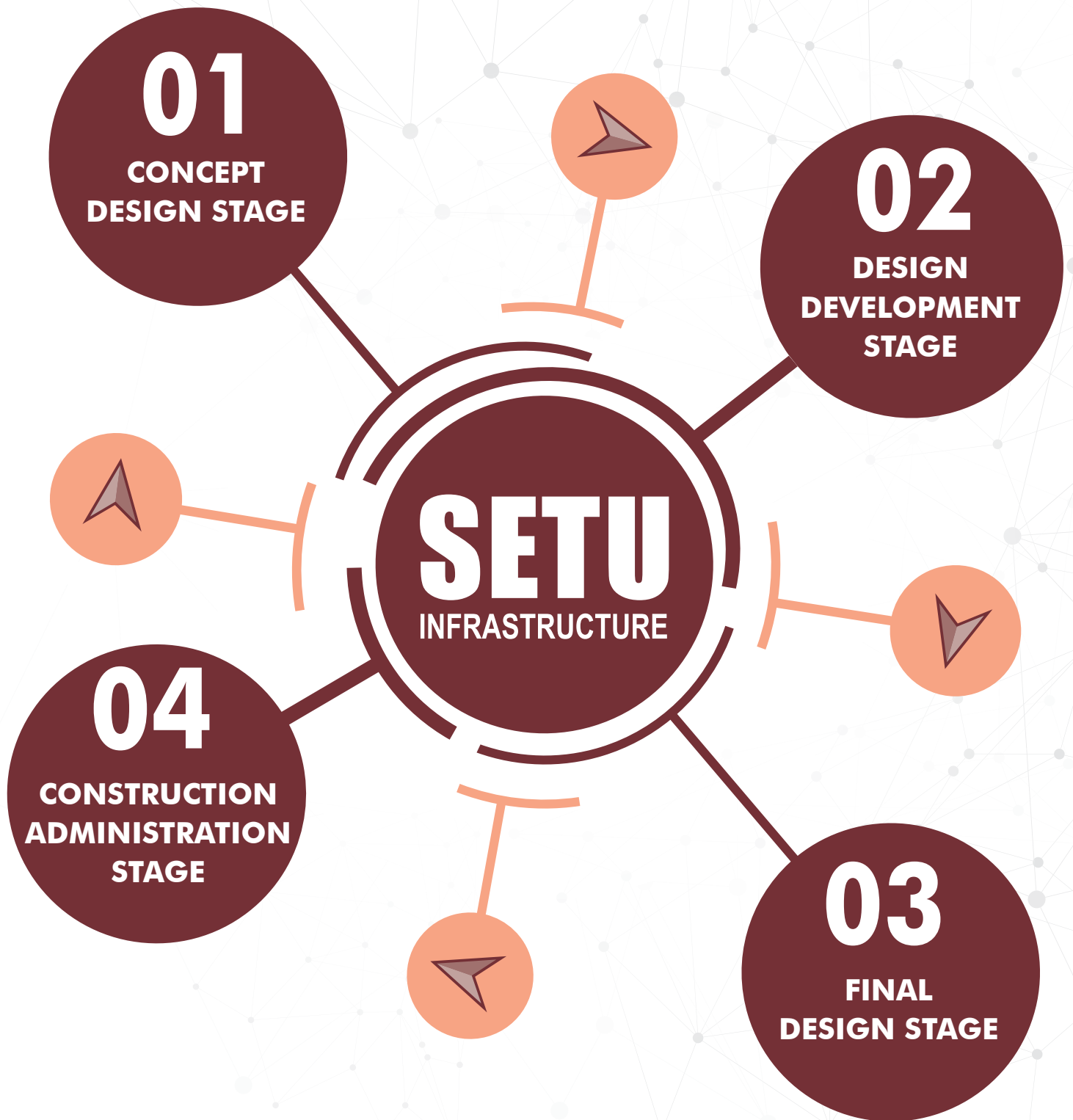
Civil engineering

Architectural Design for Industrial Buildings.

Quantity Surveying

Periodic/regular Checking Or Supervision During Execution at Site.

Scope of work in structural design



Concept Stage

1

Design briefing by client/Architect followed by inspection of the site.

2

Preparing the initial list of data required for design based on inspection of the site and its topography.

3

Submission of Design Basis Report (DBR). as per the Data Collected.

4

Initial 2-3 Suggestions of Structural System on the Basis of Preliminary Design with Tentative Sizes of Structure Members.

5

One to One Meeting with Architect for Finalization of Structural System.

Design Development Stage

1

On the Agreement of Structural Layout from Architect and Client, We Start Micro Level Correction in the Structural System

Submission of Necessary Drawing Documentation needed as an Structural Consultant for Plan Approval from Local Government Authority.

2

3

Creating Structural Models for Detailed Analysis.

Preparation of Framing Plans and Column Schedule Providing all the Necessary Details Including Sizes

4

Design Development Stage

5

Preparing Typical Details for the Framing Plans

Develop column/wall schedule for basement and foundation including raft/ pile cap design.

6

7

After preparing all the drawing necessary we shall provide all the calculations plus cad and analysis model to PEER REVIEWER (if appointed) for review.

Coordinations with the PEER REVIEWER to take Suggestions. To Provide the Improved Designs.

8

Final Design Stage

01



On final approval from Architect and Peer reviewer (if appointed) we shall update structural analysis and move towards detailed designing.

02



Complete the Detailed Design and Working Drawings for Construction Purpose and send Hard Copies to both Client and Architects as per Initial Agreement.

Construction Administration Stage

01

Coordination with Contractor/Client for their queries.

02

Attend Relevant site meeting and also make periodic visits to the site as per agreement.

03

Review and Approve all the materials used for construction

04

Provide Structural Stability Certificate (If required) in Prescribed Format.

Architects WE Work with

ADSTM
architect pvt. ltd.

ARCHITECT
Apurva Amin



HCP

PRABHAKAR BHAGWAT

HM ARCHITECTS

hpa
hiren patel architects

Ar. Bankim Pandya
Pandya Associates

aaapl
associated architects (i) pvt. ltd.

99
STUDIO

9th Street Architects

srda
samira rathod | design associates

design code pvt.ltd.
architect interior

OIA

dsl

THE GRID
ARCHITECTS

Arch
ahmedabad zurich

H
HAPPY
DESIGN

BRIC
DESIGNS GROUP

Jagrut & Partners
Architecture + Design

DPS
ARCHITECTS

K
KSA DESIGN PLANNING SERVICES

**KAMLESH
MEHTA**

**BHARAT
PANCHAL
ARCHITECT**

**LAKSHYA
INFRA**

**NEHA
CONSULTANT**

**LA
DEMENTIA**

**DIPIN
GORECHA**

**STUDIO
ETHICS**

45+ Meter Height Buildings



**Due to Recent Development in Gujarat.
Permission for High-rise Building of 45+ Height are being granted.
We are Proud to have Designed 15 Towers in Last 3 Years.**

Twin Star

Miraj Meridian Mall

Yash Anant

Sun Sky Park

Sun Central Park

Oscar Prime

World Center-3

Satyam Sky Line-2

The Jewel

Dwarkesh Commercial



Low And High Rise Tower

(Residence and Commercial)



Shivalik Paradise

Sheetal west park

North plaza

Dwarkesh opulence

Amiraj purple patch

Satymev eminence

Satymev elite

Shilp the address

Indraprasth gulmahor

Elysium arise

Sun Avenue One

Bvr Ek

Indraprasth Kadam

Addor Aspire

Yash Pinnacle

Le Jardin

Sun Prima

Surya Kutir

W1 Corporate House

Domain Heights



Low And High Rise Tower

(Residence and Commercial)



Saujanya apartment
Rajshree skys
Celebration city center (C3)
Satya-2
Uniza
Kavisha celebration
Surya icon
Sun south wind
Oeuvre
Ganesh glory

Ganesh grace
White house
Radhe palladium
Indraprasth business park
Ratnanjali square
Brooklyn tower
ARK gallery
Aarush Gloria
Narayan exotica
Deep greens



A Proud Project of Gujarat Vidhan Sabha



Private residence and Plotting Schemes



**House With Selected Vision-
Amby Valley**

**Living In
Orchard- Vadodara**

Kharavala's Residence

Sandip Thakkar Bungalow

Abhishree Ecostate 1)

Siddhi bungalow

Abhishree Orchard

Avlon Park

Shree Shaligram Villa

**Aneri's Bungalow (Ganesh
Housing)**

Sanvadru (Avirat Group)

Sarathi Bungalow



Industrial and Institutional Buildings



- Mehsana Dairy , Mehsana
- Red Flag- Ahmedabad
- Trion Chemical, Khambhat
- Westside Car Pvt Ltd
- Arvind Mega Estate
- Innovative Honda
- Bodal Chemical, Ahmedabad & Vadodara
- Outlook Glory
- Sargon agrocare Pvt. Ltd, Morbi

- Sports complex of Ganpat university, Kherva
- School for Universal Welfare Trust, Bardoli
- Eklavya School
- Sakar English School
- Red Brick School
- Swaminarayan School, Kalol
- Swaminaryan Pharmacy college, Kalol
- Mount Carmel school, Gandhinagar



Hospitals, Hotels and Club houses



DDU medical hospital & research institute, Nadiad

Shelby Hospital , Naroda

HCG hospital

Krishna heart Insitute (Shelby)

Kristar Hotel

Aam Bagan-2

Rajwadu

Casario Club house , Mumbai

Orient Club

Sports Club

Aam bagan

Binori Hotel

Sheliya hotel

Hotel 440

Aakash Party Plot





MEPF Design

Our world has become progressively reliant on continuous and safe functioning of Electrical, HVAC and PHE systems, hence we ensure to deal with all design aspects considering latest norms to avoid the malfunctions which can have serious significances with regards to safety and economy.



MEPF Design Deliverables



■ Feasibility studies and recommendations as per Energy Efficiency & Green building Norms

■ Risk analysis & recommendations

■ Planning and design

■ Cost estimates at all phases of the building and infrastructure development

■ Tendering

■ Coordinated layouts

■ Commissioning scrutiny and technical assistance



Electrical & Plumbing Expertise



Electrical Expertise

- Design & space planning for electrical substation equipment.
- Calculation of load, earthing, lighting & other related backup arrangement.
- Preparation of SLD layouts and tender documents.
- Design of lighting protection system.
- Design of all ELV services

Plumbing Expertise

- Domestic water supply collection, pumping & piping distribution system.
- Hydro pneumatic system for Distribution of treated water.
- Central domestic hot water generation and disposal system.
- Drainage collection disposal system.
- Sewage treatment plant (STP)
- Storm water collection and disposal system.



HVAC expertise & Fire Fighting



■ **Heat Load Estimation**

■ **Equipment selection / specification / sizing**

■ **HVAC Plant design**

■ **Equipment selection / specification / sizing**

■ **Plant/Equipment room coordinated layouts with piping and ducting**

■ **Equipment schedule and Bill of quantities**

■ **Duct pressure drop calculations and duct sizing**

■ **Water Piping system design**

■ **Air Handling Unit Design/selection/configurations**

■ **Design of pressurization and smoke exhaust system & co-ordinated layouts**

■ **Fire water pumps / jockey pump selection and specification**

■ **Wet riser / dry riser design**

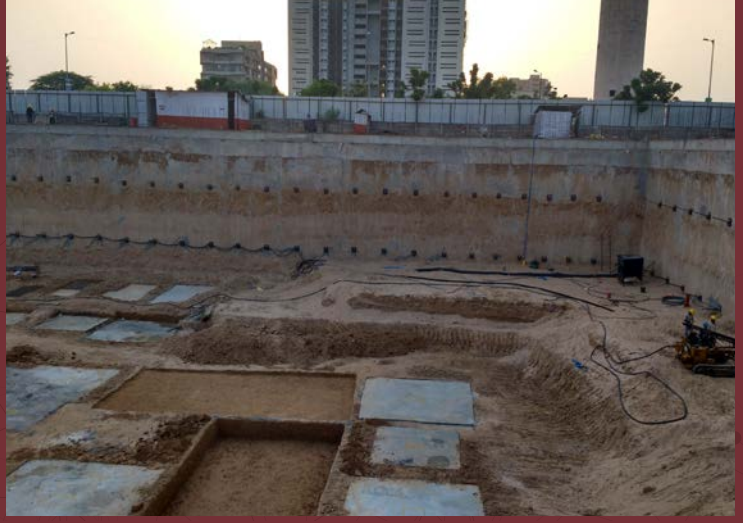
■ **Co-ordinated plant/equipment room layout with piping, pumps etc.**

■ **Sprinkler piping network & sprinkler layout drawings**

■ **Pre-action fire protection system**



Diaphragm Wall



We have Expertise in Soil Retaining Structures Especially Diaphragm Wall.

Satymev elite

Domain business park

Darwin commercial

Silver rediance – 2

White house

Accolade – 2

Amiraj purple patch

Navaratna Corporate Park

Bodal Chemicals

Satymev Eminence

Elite Commercial

Indraprasth Business Park

42 Park View

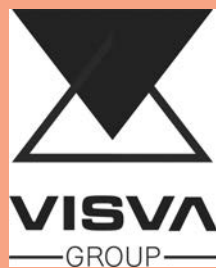
Park View



Valued Clientele



Valued Clientele





Cities which have Hosted Our Projects

- Ahmedabad
- Vadodara
- Mehsana
- Kalol
- Amby valley
- Khambhat
- Morbi
- Rajkot
- Sagwada
- Bechraji
- Mumbai
- Jodhpur
- Agra
- Indore
- Dehradun
- Jaipur
- Banswada
- Nathdwara
- Porbandar

Project Photos



SETU

INFRASTRUCTURE

Team Photo

D 701-704
THE FIRST,
BEHIND KESHAV
BAUG PARTY PLOT
JUDGES
BUNGLOW ROAD,
VASTRAPUR,
AHMEDABAD
380015

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