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JUNE 2022

# Atmanirbhar Bharat



# Atmanirbhar Gujarat



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**Narendra Modi**  
Prime Minister

**Bhupendra Patel**  
Chief Minister, Gujarat

## Gujarat is poised to become India's Green Energy capital

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- Ranks 2<sup>nd</sup> for highest wind power capacity & 2<sup>nd</sup> for solar power capacity in the country
- 17,330 MW RE capacity in the state – 2<sup>nd</sup> highest in the country
- Developing world's largest wind-solar hybrid RE park with 28,000 MW capacity
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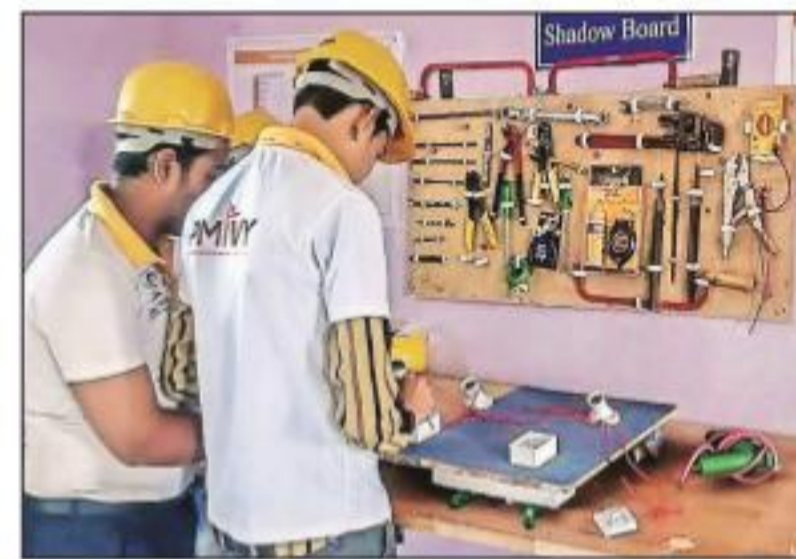
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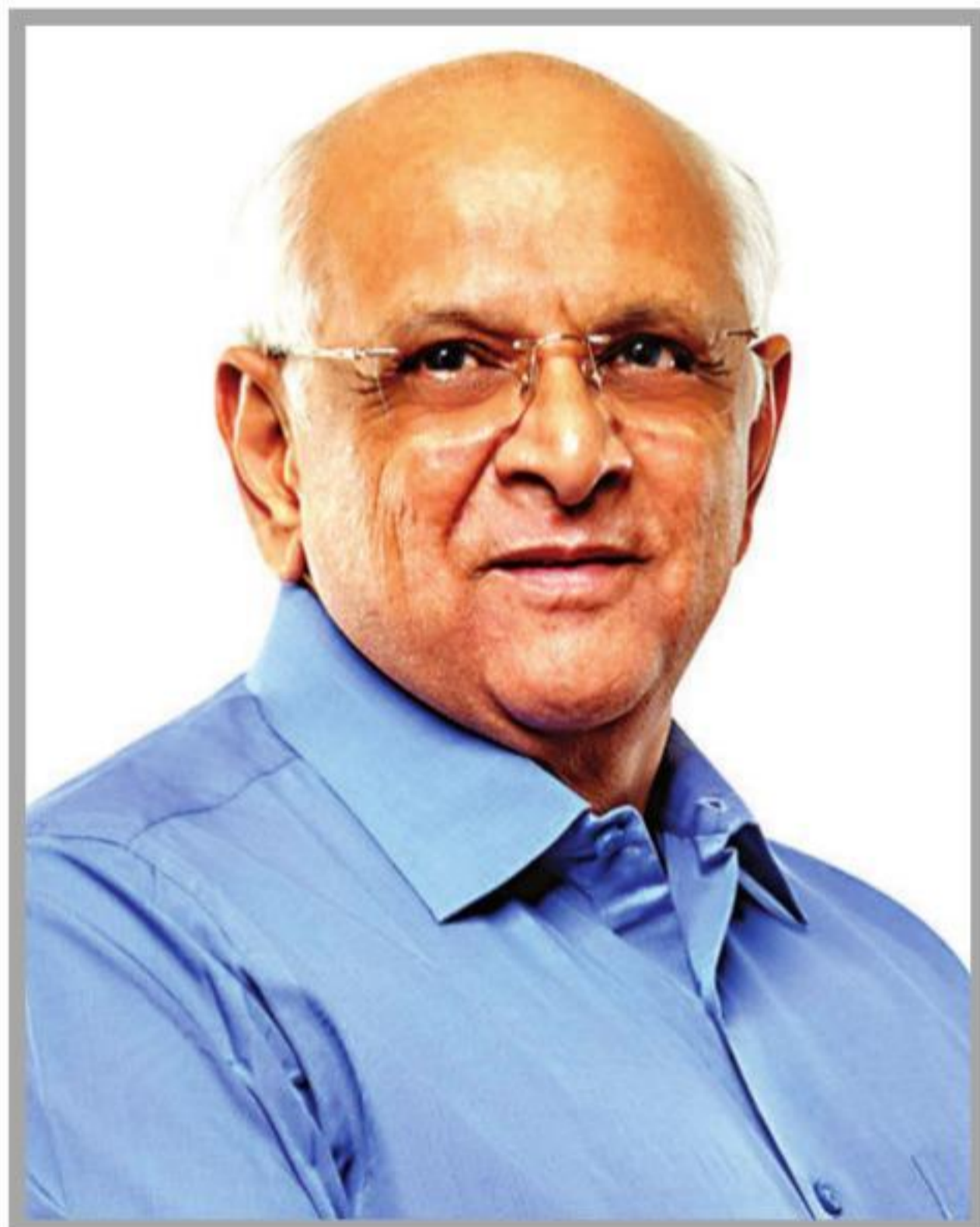
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“Collective efforts will help in realising our resolve to become self-reliant, to become an Atmanirbhar Bharat”

–**Narendra Modi**



It is the dream and the vision of Prime Minister Narendrabhai Modi to make India self-reliant. Starting from his tenure as the Chief Minister of Gujarat, he has always advocated and stressed the necessity of being Atmanirbhar and making it a joint effort of Public Private Partnership model. Gujarat has proved the power of development across the nation through enormous support of its entrepreneurs, industrialists, real estate developers and many more business fraternities.

I am much pleased to learn that The Indian Express Group is planning to bring out a special Magazine named “Atmanirbhar Bharat, Atmanirbhar Gujarat” in the current month. I convey my best wishes to the entire team of the IE Group and all the stakeholders for the grand success of the publication.

**(Bhupendra Patel)**

Chief Minister, Gujarat State

# ATMANIRBHAR GUJARAT TO ATMANIRBHAR BHARAT



**A**T THE core of Mahatma Gandhi's philosophy of swadeshi was embracing self-reliance as a way of life, which can solidify the bonds within communities and improve citizens' well-being. While addressing the nation during the COVID-19 pandemic in May 2020, Prime Minister Narendra Modi emphasised adopting this idea.

"When the world is in crisis, we must take a pledge – a pledge which is bigger than the crisis itself. We must strive to make the 21st century India's century. And the path to do that is self-reliance," Modi said in his address.

Citing the example of how India converted the crisis into an opportunity by meeting the demand for personal protective equipment (PPE) kits through domestic production, the PM resolved to replicate this further to achieve Aatmanirbharta (Self-Reliance).

#### Gujarat's role in Self-reliant India

Being a federal country, every state of India will have to contribute towards this larger goal. However, Gujarat, the growth-engine of India, will have a particularly important role to play in achieving self-reliance. Modi, during his tenure as the chief minister of the

**Prime Minister Narendra Modi said that the dream of India's self-reliance will rest upon five vital pillars – economy, infrastructure, tech-driven system, vibrant demography and demand**

state, engineered the development of Gujarat post 2001. It was under his leadership that Gujarat became a role-model state not only for India but for global development. So, today when the country stands at this crucial juncture, the role of Gujarat becomes pivotal.

Political stability and the state government's commitment towards holistic development, coupled with a conducive environment for businesses, have played a defining part in Gujarat's progress over the past two decades.

Modi even recalled how the state showed its resilience in overcoming the devastation caused by the earthquake in Kutch and said that India today requires a similar determination. The PM also said that the dream of self-reliance will rest upon five pillars –

# Crusader of India's Disposable Hygiene and Healthcare Products Industry

INDIA IS acknowledged as the 2nd largest global consumer attracting many multinational companies to exploit India's incredible market potential. As Disposable Hygiene and Healthcare Products involves meeting the basic need of the other half of the country's population- adolescent girls and women, this industry has terrific growth potential and would truly complement Prime Minister Narendra Modi's clarion call for Make in India, Aatma Nirbhar Bharat, Glocal for Vocal and Swadeshi Products campaigns. Most importantly, this industry is an indispensable necessity to safeguard the dignity and reproductive health of the female population. Negligence of their health is negligence of a large work force that is an integral part that drives the Indian economy.

Disposable Hygiene Care and Healthcare is one of the largest industries representing over 17% of the global economy and is expected to touch US \$ 18.7 Trillion by 2022. The growth is driven by a growing and aging population, income rise, affordability, health awareness, lifestyle, diseases, improving clinical and healthcare technology and rising access to health insurance. India, the second-largest population in the world, the spending on the sector is a meagre under 2.8% of the GDP, putting sustained strain on India's hygiene care and healthcare infrastructure. Amit says, "I strongly believe that the huge gap in hygiene and healthcare infrastructure could be covered by the economic progress that we are likely to witness in coming times and realization of the importance of hygiene care and healthcare as a basic social necessity fuelled by ongoing pandemic. India is poised to witness a major leap in health and hygiene care infrastructure in this decade."

Stating that India comes with 4 layers of the population as far as class is concerned, Amit informs, "The purchasing power or the Per Capita Income of India has witnessed significant growth with more working women, as a result of which there is a perceptible shift of consumption of products in the middle class and upper-middle class. We have seen a profound and improved change in the living standard of the people. Our disposable hygiene products are the most integral part of it as well as spending on it. We are a nation of 131.24 billion people, which means we are representing almost 18.04% of the world that would need a sound market policy, infrastructure back-up with the latest technology and strong political will to leverage the huge asset of manpower and population that we have for this industry."

Moreover, the rise of the millennial population has impacted everything around us. Given the voracious appetite of the younger generation for awareness and the sharp rise in disposable incomes, the market is bustling with innovation in every industry – including personal hygiene. The new-age consumer is better informed and is moving towards products that are not only more environmentally sustainable but also manufactured responsibly.

According to estimates of all international research and survey of 2020, the reports say that a huge market exists in India that is worth Rs 10,000 crore for Baby care (Baby Diaper & Baby Wipes), Rs 6600.00 crore for Feminine care (Sanitary Pads, Panty Liner & Tampons), Rs 1650.00 crore for Incontinence adult care products and would likely to grow to Rs 2200.00 crore by 2022. Amit shares, "Major players in Indian markets are all MNC's Brands. This segment is growing very fast based on the study of the last 5 yrs. (YoY). The figures are huge and will continue to grow steadily for the next 10 years due to the vacuum in the market and lack of awareness of



**Amit K. B.** is Project, Product and Brand Consultant and Founder of his firm H2H.SERVICES. In the last 8 years, he has played a key role in India's Disposable Hygiene and Healthcare Products like **Sanitary pad, Lady Panty, Panty Liners, Baby Diaper, Adult Diaper** and relates many raw materials for disposable hygiene products industry. A veteran having 21 years of experience in sales and brand launches in the domestic and overseas market, his research of the industry suggests that it holds immense revenue generating potential, both from domestic and overseas markets. Sadly, the survival of the industry is in peril due to neglect. The lone ranger is knocking every door of the administrative and political bosses seeking immediate intervention to help save the industry.

ments will come in this segment and similar industries. Due to many reasons, both internal and external are affecting and hampering new investors to enter this industry. Majorly the government has not focused on incentive and lucrative schemes on such investments."

The market for non-woven in the global regions has vast potential for growth especially for the Disposable non-woven Segment and non-woven Fabrics for use in the manufacture of absorbent hygiene products (AHPs). The global non-woven fabric market is anticipated to grow to around \$53.5 Billion by 2025. China is the world's largest producer of non-woven materials and will dominate the global market while generating huge foreign reserves of \$360 million for the nation.

Sharing that Gujarat, Maharashtra, Rajasthan & Madhya Pradesh have huge potential in the development of Disposable Hygiene Products and Raw Material manufacturing due to their proximity to the ports, Amit suggests, "We can develop a hub for hy-



giene and disposable categories of Hygiene Park or Special Zone with some special and attractive schemes that can promote India on a global platform. There is a huge scope in setting up a special skill development – program under which we can manufacture and assemble machines with the help of foreign joint ventures from Italy, Germany, Malaysia, which will benefit us as a nation in the long term to cater for GCC, MENA, ASIAN & AFRICA with increasing demand and requirements."

Emphasizing on Affordability, Accessibility, Availability and Awareness, Amit says, "Our country needs the right product and right pad, not just a cheap pad. Besides, there should be strict norms and standards to produce such disposable hygiene care products. It will give us a bright future in the Healthcare and Hygiene Care industry in India and we can also dominate some emerging African countries."

Amit is post graduate in business management, and a man with very deep knowledge of demographic, geographic, eco – socio issues, and a keen observer of domestic and international markets. His leadership skills and market holding capacity comes from wide experience in key management positions of several leading companies. Amit is known for his persuasive dynamism in public relationship, which he wields adroitly to lead his team and product at all times. Morbi City (Gujarat) was his first project where he set up a plant and launched India's 1st Disposable Baby Pull-up Diaper Brand- Champs. Later, he got contractual assignments to set up a plant and factory in Kenya, Syria, and Qatar and after their successful completion, he returned to India in late 2018. Currently, Amit is working with 5 manufacturing projects, which have been set up under his supervision for the Indian manufacturer and investors. An avid nature lover and explorer, Amit is fond of reading books and solving critical case studies of industries. He constantly follows market movements, consumer behavior and product shifts and trends in the new era that reflects in his perfection and excellence in work. For his extensive contribution to the industry, Amit has been honoured with several awards including The Economic Times "Business Leader of the Year Award, 2020 for Best Brand Builder and AsiaOne URS Presents Aias's Most Influential Young Leaders Award, 2020-2021 (ET NOW).



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the product use and know-how. We have not considered the wet wipes and baby wipes segment yet in studies, which is again a big boom business."

Feminine care, Baby care and Incontinence adult care in hygiene personal care was a luxury decade before, as it was inaccessible to more than 85% population of the country. Open chatter on the subject on social media, has raised awareness about the benefits of disposable hygiene products vital for betterment of human life. Currently, 3 MNC dominate the Indian market in this segment namely, Procter and Gamble, Johnson & Johnson, Unicharm India, Kimberly Clerk and Essity, a sister concern of SCA Hygiene. These companies have surged ahead of home-grown companies owing to money power and import laws riddled with loopholes, whereas Indian players have lagged behind due to lack of support and subsidies from the government for a level playing field for indigenous products. It has pushed the industry into a quagmire of despondency. Indian disposable hygiene products manufacturers need immediate support and share of upcoming investments by any Indian business group in the said category. Foreign companies make promises of huge employment opportunities for women in this industry, something that Indian companies are already doing as part of their social responsibility and mission to empower women, a fact that is not hyped and so goes unnoticed.

Ruing the fact that India does not have any stringent standards and SOP to pass the products and

their parameters as consumable or non-consumable, Amit says, "Our disposable hygiene products such as sanitary pads, under pads, maternity pads, pantyliners, baby diapers open type and pull-up pants types and adult diapers pant types and open tape type as a finished product and all machines, which produce such products fall under technical textile (non-woven materials) and chemical (SAP, GULE Adhesive) categories. While social hype is that sanitary pads are exempt from GST, the raw material are taxed anywhere between 12 – 18% (GST, CST, and IGST), and there is no rebate on them. Products, therefore, actually become more costly for the manufacturers if their above tax losses are taken into account."

Adding to the woes are import of products from China, Malaysia, Korea, Japan and many European countries graded as Stock lots, B grade Stocks and Company Rejected products that are dumped in India. More than Rs. 3,000 crores worth import of disposable hygiene products B grade or poor-quality stock lot is crippling the Indian market and Indian manufacturers. Mis-declaration, under invoice goods and many similar terms are used by the importers in all the consignments that is damaging the industry. Unfortunately, such products enter our market and get sold affecting the health of the consumers especially babies and females in the country. MNCs thrive due to lack of stringent anti-dumping laws, hefty fines or curb on sub-standard products.

Amit shares, "In Asia, we are the biggest market and most potential player who can dominate the market in finished products and as a supplier of raw materials in hygiene and disposable products. We are growing with a CAGR of 13% on a YoY basis. This is a very clear indication that lots of invest-



economy, infrastructure, tech-driven system, vibrant demography and demand. Let's see how Gujarat is contributing towards each of them.

## Economy

Gujarat, one of the leading industrialised states, is the fifth largest contributor (8.36%) to the total national GDP and is geared up for double-digit growth in the next few years. The state has started working on the suggestions made in the report of the task force led by Dr Has-mukh Adhia to help Gujarat contribute the most towards India's goal of becoming a \$5-trn economy. To give a quantum boost to the economy as the PM has suggested, the state has been working on strategic interventions.

Investment can accelerate production and demand in a state and Gujarat has always been the favourite destination for investors. Thanks to its transparent governance, industry-friendly policies and an environment for ease of doing business, the state has succeeded in being the top contributor to foreign direct investment (FDI) for the past few years, including in the COVID-19 period. It set an example for other states on handling the pandemic while sustaining the economic momentum simultaneously.

It is a well-established fact that if a country imports more than it exports, it runs a trade deficit, whereas a rise in exports boosts economic growth. India still heavily relies on imports. To achieve self-reliance, Gujarat set up the Export Promotion Council that focusses on ways to scale up its exports to existing destinations as well as to new markets. For ex-

## Gujarat, one of the leading industrialised states, is the fifth largest contributor (8.36%) to the country's total GDP

ample, the state has over 3,300 pharmaceutical manufacturing units, which accounted for 30-35% of India's pharma sector's turnover and around 28% of India's pharma exports during 2018-19. Export of drug formulations from Gujarat reached \$3,053.53 million in 2019-20 and \$2,789.92 million in FY21.

India's economy is also affected by crude oil imports. To reduce its dependency on fossil fuels, Gujarat is pushing the adoption of Electric Vehicles (EVs) and has intensified the building of charging infrastructure. Gujarat's EV Policy launched last year has also fuelled optimism amongst EV manufacturers and sellers as the state government has announced subsidies for buyers to boost demand for such vehicles.

## Infrastructure

Located on the western coast of India, Gujarat has moved ahead with a long-term view of multi-modal connectivity by constantly improving connectivity between road, rail and shipping infrastructure.

Gujarat has heavily invested in public infrastructure in the last two decades. In



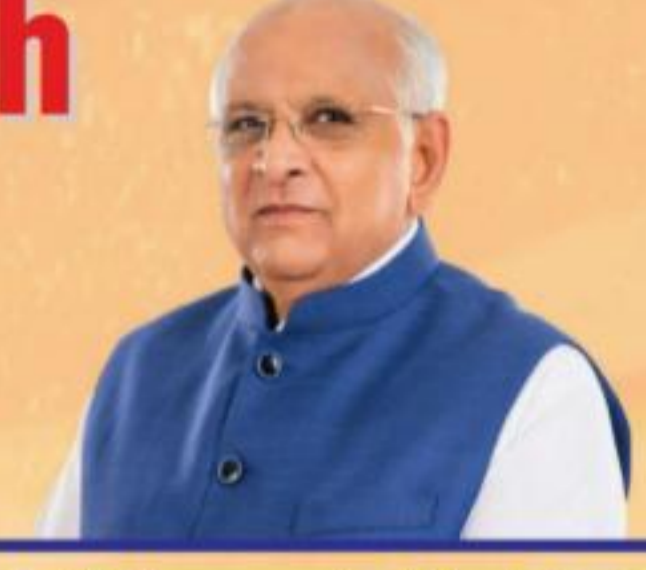


**Shri Narendrabhai Modi**  
Hon'ble Prime Minister,  
Indian Government

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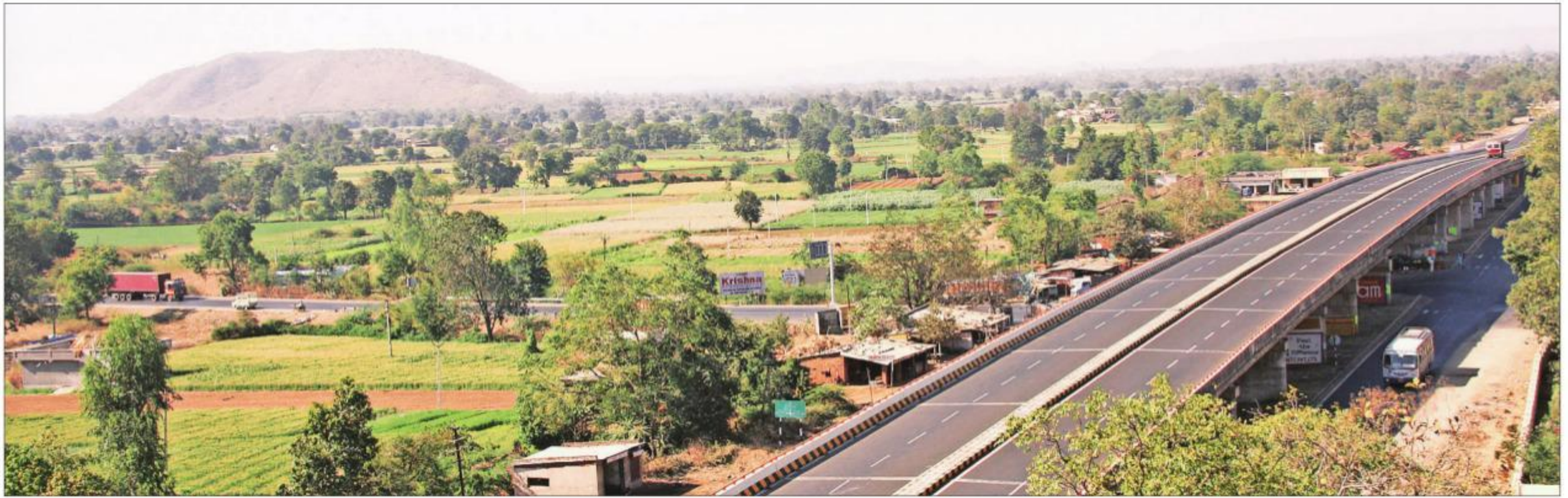
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the transportation sector, the state has focussed on constructing world-class roads and highways that have provided easy access to markets, facilitated market integration, lowered costs of production and transportation, and enabled the state to compete at both national and international levels.

In 2019, Gujarat accounted for 40% of the country's entire trade through the sea route, lending credence to the argument that the state is leading port-led development in the country. Further, to target the entire value-chain and create the right ecosystem, the Gujarat Maritime Cluster has been established in the GIFT (Gujarat International Finance Tec-City) City at Gandhinagar, being aimed at bringing all the stakeholders of shipping and logistics sectors under one roof.

As per Indian Ports Association's data published in June 2020, Gujarat has 46 ports. The state also accounts for majority of cargo handling through ports. Between April and November 2020, the Deendayal Port Trust (Kandla) handled 73.86 million tonnes of cargo. The government of Gujarat has initiated several steps for the development of a world-class port city at Mundra, which has a cargo handling capacity of over 200 million tonnes per annum.

Once the high-speed bullet train starts its operation between the two economic corridors – Ahmedabad and Mumbai – the economic growth of the western region of the country will receive a further boost.

Gujarat had clocked the highest capital investment in terms of gross fixed capital formation (GFCF) – a measure of investments – between FY12 and FY19, at a total of ₹5.85 lakh crore, which helped the state build robust manufacturing infrastructure. These investments coupled with reforms in policies resulted in Gujarat reinforcing India's manufacturing base last year and the state aims to focus on export promotion, improving competitiveness, and promoting MSMEs and labour-intensive sectors.

## Gujarat clocked the highest capital investment in terms of gross fixed capital formation (GFCF) between FY12 and FY19

The state's power infrastructure has also improved rapidly and power distribution companies have been outperforming other states in the past decade. Now, with a special focus on renewable energy, the state plans to invest in generating solar, wind, and other such forms of energy. According to the latest SECI (State Energy and Climate Index) report, Gujarat ranks the highest among all states, implying affordability, accessibility, efficiency, and climate friendliness in power generation and distribution.

### Tech-driven system

Technology will play an important role in shaping the future and realising economic and social goals. The world's appetite for newer technologies in the post-pandemic era is increasing and Gujarat is determined to take advantage of this ever-growing demand and become a tech-hub in the next few years. Gujarat recently launched IT/ITeS and Biotech Policies which will drive the state's economic development from 2022 to 2027. With tech and innovation being central to these strategies, the state government is committed to making Gujarat a destination of choice for new investments.

The IT/ITeS policy is set to raise the state's IT exports 8-fold to ₹25,000 crore in the next five years. The government will partner with IT industry leaders to establish advanced centres of learning in the state and financially help the current workforce with upskilling.

The special emphasis on technology





# Commissionerate of Tribal Development GUJARAT



## Challenging upliftment

**P**rogress of the tribal communities requires special efforts and the Commissionerate of Tribal Development, Gujarat is leaving no stone unturned to encourage and strengthen them to make their lives better.



- The Commissionerate of Tribal Development implements various schemes for the socioeconomic development of the dispersed tribal communities. These programmes are done under the leadership and guidance of the Honourable Chief Minister of Gujarat, Shri Bhupendrabhai Patel to keep up with his vision of tribal development. In the welfare campaign, to provide individual oriented government scheme benefits to the last mile person in the tribal areas, the Commissioner Office of Tribal Development started an adijati janvikas campaign for the tribal block of Amirgadh of the Banaskantha district



- The campaign began with all the government officers visiting the villages, conducting sabhas, sensitizing people while making them aware of their rights and preparing a list of eligible beneficiaries village wise. A target of bestowing 30,000 benefits over the next 30 days had to be achieved.
- For this various camps like gramsabhas, divyangs (disabled) benefit camps were conducted. Aadhar kits, banking services, aayushman cards etc were deployed. For a lot of schemes, data mapping was done and forms were filled from house to house. Free transport arrangements were made so that it became easy for people to come to the camps.
- After a period of one month, the tribals received 31,200 benefits. These 31,200 benefits comprise of 10000 Ayushman cards, electricity to more than 1000 families, social scheme benefits to 5000 people, banking services to 8000 people and many many more.
- After this successful campaign, similar campaigns were implemented in Bhiloda-Meghraj Tribal Blocks of Aravalli District & Kevdiya- Narmada District. Says Commissioner of Tribal Department, Mr. Dilip Rana, " Our aim is to cover all 53 Tribal Blocks of Gujarat and to benefit more than 10 lakh people."
- This Janvikas campaign that provides basic facilities has brought a smile on the faces of the tribal people and lit up their lives. It has helped them realize their hope. For it reaches the unreached and serves the unserved.





and innovation is likely to create a range of opportunities for leading tech exporters to fill innovation gaps within increasingly sophisticated supply chains.

## Vibrant Demography

To become an economically self-reliant country, productive contribution from every segment of society, particularly from the youth, is important. Today, India is the youngest country in terms of its demography and has the largest workforce compared to other countries. However, this workforce lacks opportunities and skills.

According to data released in 2020, Gujarat's population below 25 years of age has increased from 29.3% to 45%. The data also showed that 55% of the state's population is below the age of 30, which forms the majority of the working group. To take advantage of this, Gujarat has already prepared a roadmap which focusses on research, innovation, skill development and employment generation opportunities for the next generation. In the past two decades, Gujarat has developed some world-class educational institutions which are of national importance, like the Rashtriya Raksha University and National Forensic Science University.

Gujarat also stands first in the Startup Performance Rankings in the country due to its entrepreneur-friendly policies. To further support young minds at an early stage, the state government launched Student Startup and Innovation Policy (SSIP 2.0), aiming to set up active innovation and incubation centres in all leading universities. In the next five years, the government intends to reach out to 50 lakh students across 1,000 institutes and 10,000 schools.

## Demand

In the last 100 years, a surge in world trade has significantly raised the GDP of several countries. The supply chain has been the major enabler in this, as it keeps



the world connected, with disruptions in any part of the world having an economic impact. We witnessed this during the recent COVID-19 pandemic. This is the reason for the Prime Minister defining it as one of the important pillars for the country's self-reliance.

During COVID-19, when several industries were planning to relocate their operations and diversify supply chains, Gujarat offered special incentives to them through its Industrial Policy in 2020. Moreover, the state has also efficiently used technologies like Automatic Identification and Data Capture (AIDC), network optimisation tools, quick response (QR) code, real-time locating systems and Radio Frequency Identification (RFID), Internet of Things (IoT) sensor

technology across supply chains to improve efficiency.

Gujarat has also built resilience in logistics supply chains and transportation across sectors to withstand COVID-19 like shocks in the future. As a result, for the past three consecutive years, the state has been topping the Commerce Ministry's LEADS (Logistics Ease Across Different States) Index.

## Rural Areas too contributing to Self-reliance

The big cities of Gujarat remain in focus for the contribution they make to its development, but the state government is also equally investing in rural areas through agricultural technology and infrastructure. It's a fact that more than

half of the Indian population still resides in villages and without their development, India cannot achieve the dream of self-reliance.

Co-operatives have been hugely successful in the rural areas, especially in the dairy sector. India is the world's largest producer of milk, which is worth ₹8.5 lakh crore annually, and a large part of this output comes from Gujarat's dairy sector. Banas Dairy in the state has been successful in creating a new economic force and with the help of co-operatives, it is empowering farmers to earn good incomes.

Gujarat is also extensively promoting natural farming and reducing the financial burden of using chemical fertilisers, which account for a large chunk of the central government's subsidy. The state government's financial assistance of ₹900 per month for cow-based farming can revolutionise the agricultural sector. Recently, it inaugurated a liquid nano urea plant in Kalol, which will reduce the burden on farmers who heavily depend on imported urea. The plant will produce approximately 1.5 lakh 500-ml bottles per day. One bottle is equivalent to a full sack of urea.

During a recent visit to his home state, Modi reiterated that the villages have the potential to make India self-reliant. He also announced that six villages in the state have already been chosen where all the systems would run on the co-operative model.

"Cooperative' is a great medium for self-reliance of the villages and it holds the capacity to make India self-reliant. Following the path shown by Pujya Bapu (Mahatma Gandhi) and Sardar Sahib (Sardar Vallabhbhai Patel), today we are moving forward to set up Model Cooperative Villages," Modi said during the 'Sahkar se Samridhi' event in Gujarat.

Source: Department of Information, Gandhinagar, Gujarat



## A Reduced fossil and Eco-Friendly Alternative for Industries

Steamhouse, a Sanjoo Group endeavour, is a one-of-a-kind idea for distributing steam to industrial clusters through overhead pipes from a centralised steam producing facility utilising IoT (Internet of Things) and AI (Artificial Intelligence) technology. Vishal Budhia, Director of Sanjoo Group and a second-generation entrepreneur from Surat (Gujarat) founded Steamhouse in 2015. Steamhouse supplies high-quality steam to businesses, reduces capex for enterprises, and eliminates legal and regulatory headaches for industrial facilities, among other things.

The goal of steam House is implementing eco-friendly and energy-saving technologies as well as reducing pollution from various businesses. The promoters have completed their first community boiler project in Surat's Sachin GIDC, which provides steam to many industrial enterprises in the area. By primarily supplying Steam, Steamhouse has been a utility provider to current businesses as well as new ventures. Hundreds of industrial clients in different places have been urged to adopt Steamhouse to meet their steam needs. This will result in a significant decrease in air pollution. Its automation team is also looking at adding different safety elements to assist prevent leaks and the development of excessive pressure. Advanced technology is employed to gather quantitative data and monitor our steam quality, pressure, and temperature, among other things.

The company's major emphasis is on environmental protection; thus, the finest available technology will be used. The organisation is also committed to decreasing pollution at the source, which means obtaining the appropriate fuel. Cogeneration is used in the project, which minimises the total carbon impact.

“Steamhouse goes hand-in-hand with industrial as well as environmental obligations by reducing up to 70% of air pollution caused by a steam generation with a 25-30 percent reduction in coal consumption and better emissions control”, said Vishal Budhia- MD, Steamhouse India Ltd.

Textiles, medicines, chemicals, plywood, paper, and other industries, for example, all need steam for



manufacturing. When they sign up with Steamhouse, it furnishes them with steam through common boilers and a kilometres-long overhead pipeline network. With their billing metre put on the premises, the industries obtain steam at their doorsteps as a plug-and-play option. The system in place examines consumption patterns and supplies in accordance with each industry's requirements, resulting in less waste and zero inconsistencies. The use AI (Artificial Intelligence) gives companies the precise amount of steam they need and enables them to pay the exact amount of money for the steam they consume. It is possible to manage, adjust, and moderate steam distribution with no human involvement with the help of machine learning.

Industries have been installing boilers on their facilities for years to suit their steam needs. These boilers are tiny to medium in size having a poor efficiency. The rising amount of industrial air pollution is another big threat. Due to defective air pollution control technology and non-professional management, black smoke from chimneys in industrial regions contributes to PM-5 and PM-10 levels in the atmosphere, causing ailments ranging from asthma to cancer. On the other side, Steamhouse provides eco-friendly steam to the industry.

Switching to a common boiler-based steam generating system resulted in a 25-30% decrease in production costs. Because there are no boilers installed, there are no operational or maintenance issues. There is no need to set aside separate labour for boiler operation, and there is no need for a fuel storage facility. Because of the greater quality of steam, there is an improved product quality that leads to higher output at a rate of 12%, allowing for new product development and growth with minimal downtime. Because steam in bulk decreases per-unit fuel consumption, fuel-to-energy conversion is enhanced, efficiency is raised, and shutdowns are reduced. Steam House, as a fully compliant company, relieves small industrial businesses of their legal and compliance burdens by managing all boiler regulatory requirements and inspections. Steamhouse complies with both industrial and environmental responsibilities by eliminating up to 70% of air pollution caused by steam generation while also decreasing coal usage by 25-30% and improving emissions control.

Steamhouse has been serving over 85 industries since inception in 2015. Vapi GIDC (South Gujarat), Ankleshwar GIDC, and 50 more industries are among the GIDCs in Gujarat, with at least four additional projects in the works. It offers the finest



**Vishal S. Budhia,  
MD, Steamhouse**

quality steam at the lowest cost to the industries and helps to minimise pollution in industrial clusters, with capacities of 30 and 60 tonnes per hour. Its AFBC (Atmospheric Fluidised Bed Combustion) boilers, which employ state-of-the-art emissions control technology, have an efficiency of 83 percent, compared to 65 percent for small boilers used by companies in general-saving up to 40 percent valuable fossil fuel. With a robust pollution control system, Steamhouse reduces the mass of emissions by 50% to 70% by replacing fuel combustion for many small boilers with efficient fuel usage from one common boiler. This helps keep SOx and NOx levels well below the norms prescribed by the Central Pollution Control Board. They buy coal directly from Indonesian mine owners, which not only helped us receive the most efficient and low-sulphur coal, but also helped us save money. It will soon be present in Maharashtra, Haryana, Madhya Pradesh, Rajasthan, Himachal Pradesh, and Karnataka as a result of Steamhouse's popularity. With new goods, it wants to make a revolution in the industrial utility market. Steamhouse has risen at a compounded annual growth rate (CAGR) of 75% over the previous three years in terms of revenue.

Steamhouse is a breathing community of business experts, disruptors, thought leaders, designers, academics, SMEs, major organisations, and corporate businesses that collaborate to promote company development and tackle commercial and social issues through collaborative innovation to make India 'AatmaNirbhar'.

**For more information, Contact:**

**Address: Plot No.8108.1,Rd. No.2**

**GIDC Surat-394230 (Gujarat) India.**

**Contact: 9099512222 Email: info@steamhouse.in**

**A Concrete Step in  
Aatmanirbhar  
Bharat**



STEAMHOUSEINDIA

## SURAT URBAN DEVELOPMENT AUTHORITY-SUDA

# Creating Vibrant Infrastructure for Vibrant Gujarat



**Shri Banchhanidhi Pani, IAS,  
Chairman**

Surat, previously known as Suryapur, is a city in the Indian state of Gujarat. Surat is also called a city of flyovers. It is the administrative capital of the Surat district. The city is located 306 km south of the state capital, Gandhinagar on the left bank of the Tapi River (Tapi), the center being around 22 km (14 mi) from the river's mouth. A moat divides the older parts of the city, with its narrow streets and handsome historical houses, from the newer suburbs. Surat is Gujarat's second-largest city with a population of 2.1 million at the 2001 census and 4.6 million at the 2011 census. It is the eighth-largest city and ninth-largest metropolitan area of India. Surat is the 34th largest city by area in a study conducted by The City Mayors Foundation, an international think tank on urban affairs. The city registered an annualized GDP growth rate of 11.5 percent over the seven fiscal years between 2001 and 2008. Surat ranks 4th in a global study of fastest developing cities conducted by The City Mayors Foundation, an international think tank on urban

affairs. Surat Bags Best City Award in 2013 constituted by Annual Survey of India's City-Systems (ASICS). SUDA is one of the development authority constituted by Government

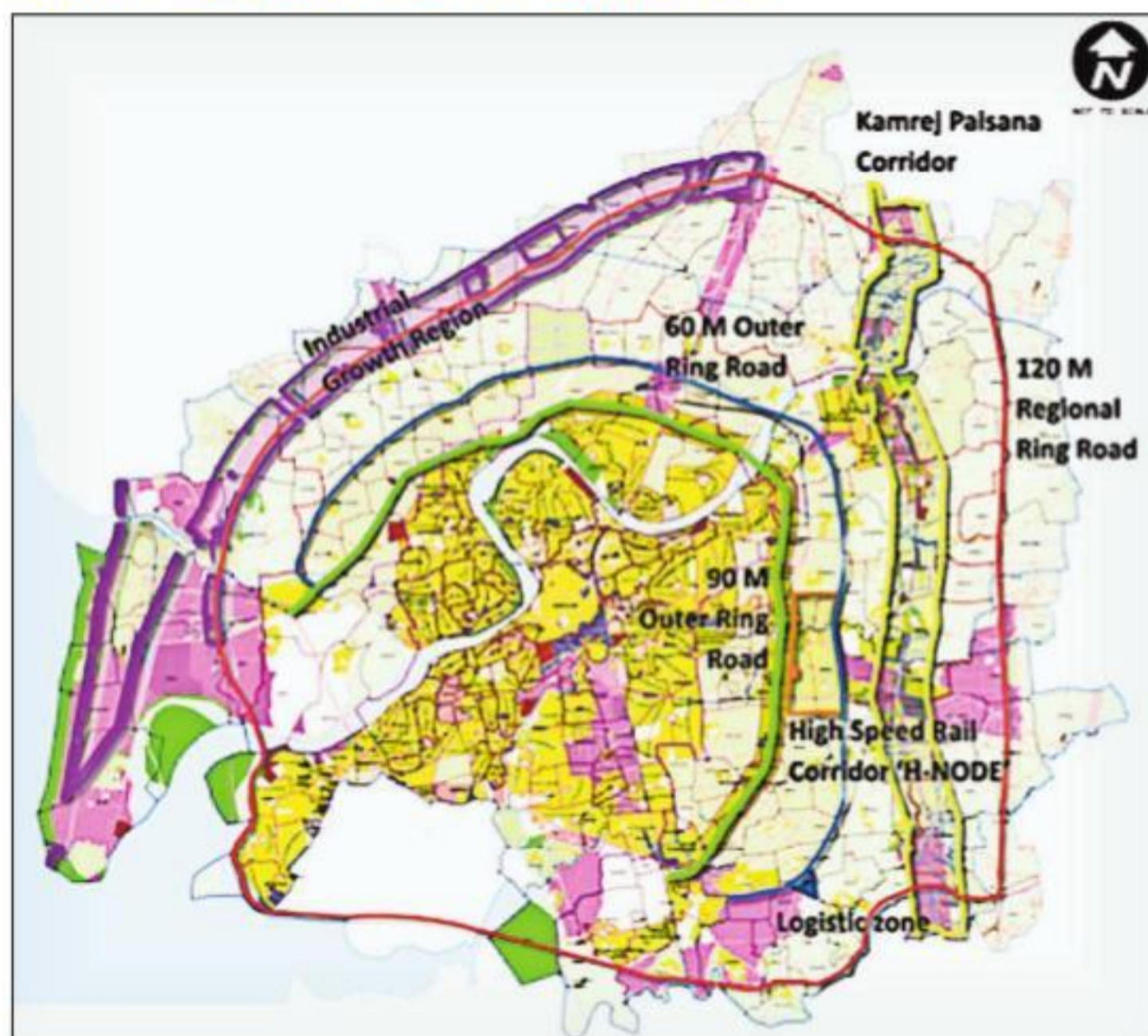
of Gujarat under section 22(1) of the Gujarat Town Planning and Urban Development Act-1976 for preparation of Development Plan and T.P. Scheme in Urban Areas. SUDA covers 124 villages surrounding to SMC. Following are the services provided by SUDA to undertake the work of preparing the development schemes under the Town Planning act.

- To prepare town planning schemes under Town Planning act.
- To survey the city development area in order to prepare development schemes and town planning schemes.
- To guide, order and help the local authority working in the city development area for planning, development and matter related to the development of city area.
- To execute and manage the town planning schemes under city development area.
- To work for the provision of water supply, sewage and other services and facilities.
- To buy, sell, manage or do away with temporary or permanent property as required.
- To arrange meeting, do contract with local authority or person or organisation as required by SUDA.
- To do development work from time to time in the city development area as per the order of State Government.
- To provide other services as ordered by the State Government using other authorities.



**Shri V.N. Shah, IAS,  
Chief Executive Authority**

### SURAT DEVELOPMENT PLAN 2035 :



In 2015, 100 villages were added in SUDA's jurisdiction and in 2016 the Draft Development Plan – 2035 (DP 2035) was prepared for 1351 sqkm area & was submitted to the Government of Gujarat (GoG) on 9th May, 2016. During late 2016, the GoG removed village Khajod from the jurisdiction of SUDA and constituted Khajod Urban Development Authority (KHUDA) for the development of DREAM city. Also 61 villages (57 wholly and 4 partly) were excluded from SUDA. Subsequently, SUDA resubmitted the DP 2035 to the GoG on 14th February, 2017 for 985 Km<sup>2</sup> area. In 2019 one village was removed and 22 villages were reinstated in SUDA's jurisdictional boundary. Also parts of villages nearby to the Surat Airport were amalgamated in the KHUDA. During mid-2020, 30 villages (including two municipalities) under SUDA area were added to the SMC limit as a part of jurisdictional extension of the SMC area.

At present SUDA, after extension of SMC limit on Dt.17/06/2020 and under provisions of GTPUDA 1976, contains SMC (430 Km<sup>2</sup>) and surrounding 124 villages (655 Km<sup>2</sup>), covering a total of 1085 Km<sup>2</sup> area.

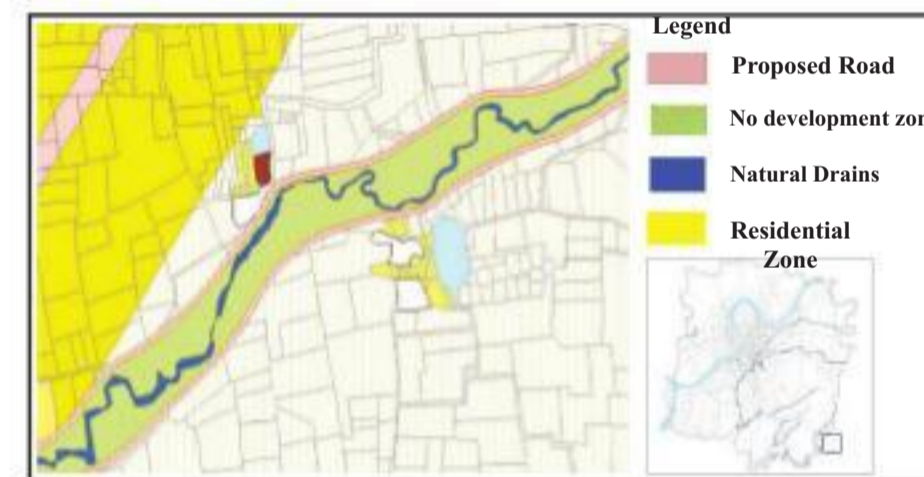
On 08/10/2020, the GoG sanctioned the DP 2035 of SUDA and instructed the Authority to propose and submit relevant modifications in the plan within stipulated time of 3 months. Currently, modifications in the Sanctioned DP-2035 have been submitted to the G.O.G. (u/s 19 of the GTPUD Act-1976) for necessary preliminary approval.

### MAJOR PROPOSALS OF SURAT DEVELOPMENT PLAN 2035 :

- 1) A 90 m wide Outer Ring Road around the existing city boundary has already been proposed. New Regional Ring Road of 120 m width and 116 km length has been proposed in the SUDA area. This Ring will act as a gateway for traffic travelling to/from Mumbai and Ahmedabad. Some part of this 120 m wide road has also been proposed parallel to and in between the NH-48 and the proposed Expressway. Another 60m wide Ring is proposed between 90m and 120 m wide Ring Roads to accommodate the newly proposed residential zone. The part of this 60m road is also proposed parallel to the national Highway 48. All three ring roads are connected with urban outgrowths through a network of major Radial roads of 90 m, 60 m and 45 m widths.
- 2) Industrial Growth Region of approx. 30 km length & average 1.5 km breadth (approx. 40sqkm of area), which starts from Hazira and ends at the existing Delhi-Mumbai railway

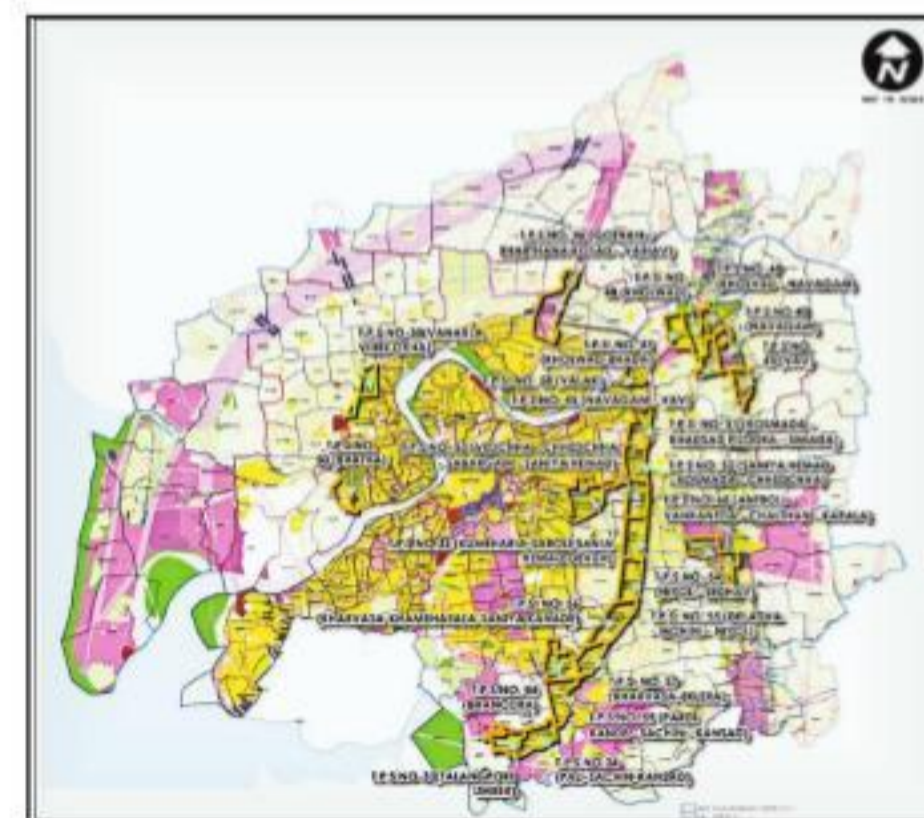
line near Gothan. The Industrial Growth Region will consist of Utility corridor, Land for Railway, Industrial Zone, proposed 120m Regional Ring Road, Logistics Park, and proposed Residential Zone.

- 3) About 80Ha of area adjacent to the Sachin Udhyognagar in the village of Vanz, Bhatia, Kachholi and Ravla- Vaktana has been linked with 120m wide ring road and a proposed Logistics Zone nearby has been connected with two 90m radial roads.
- 4) The lands falling within 1000m from periphery of existing NH-48 on both sides from Navi Pardi village in north to Palsana village in south (Approx. 43sqkm) has been reserved for Residential use as part of Kamrej- Palsana Highway Corridor (KPC), with max. Permissible 4.0 FSI (2.8 FSI chargeable at 40% of Jantri Rate, Base 1.2 FSI).
- 5) The immediate vicinity of upcoming Surat High-Speed Rail Station (approx. 906 HA) has been designated as High Speed Rail Corridor 'hNODE' with max. Permissible 5.4 FSI (3.6 FSI chargeable at 40% of Jantri Rate, Base 1.8 FSI).
- 6) SUDA has proposed 18m wide ring roads surrounding village cores (gamtals) and 18m wide village-connecting roads in the entire SUDA Area.
- 7) Approx. 20m Recreational buffer at major creeks and Approx. 10m recreational buffers at minor creeks has proposed along with peripheral 18m wide roads on the both sides of the creeks.
- 8) 500m wide recreational buffer (part of Coastal Regulation Zone) at Hazira Industrial area parallel to Arabian Sea.



### Town Planning Schemes (T.P.S.) of SUDA

Total 23 T.P.S. have been prepared by the Authority and Drafts of all have been sanctioned by the GoG. After extension of SMC limit on Dt 17/06/2020, the authority have 15 Draft sanctioned T.P.S. and possession of the proposed roads of these T.P.S. is currently under progress.



- Additionally T.P.S. No. 30 (Okha-Vanakala-Vihel), which is now a part of the Surat Municipal Corporation, is preliminary sanctioned (on Dt. 25/09/2019), But the Authority still holds the ownership of the saleable plots for Residential and commercial of the T.P.S. and is actively seeking to auction of these plots.
- Currently, T.P.S. No. 57 (Kharvasa-Eklara) is the only preliminary sanctioned T.P.S. (on Dt.08/06/2020) under SUDA's jurisdiction. Proposed road and reservation possession of the T.P.S. has been partially completed and the authority is seeking to auction of the saleable plots.
- Eight Draft sanctioned T.P.S. (51 to 58) have been prepared for the development of 90m Outer Ring Road and surrounding proposed residential area.
- T.P.S. no.40, 41, 45, 47, 48, 49 & 60, fully or partially, are now part of KPC proposed in the Sanctioned DP 2035

Recently, total of 35 T.P.S. (3 of hNODE area, 22 of KPC area and 10 of between SMC limit and ORR T.P.S.) have been proposed by the Authority after sanctioning of the DP 2035; Out of which, 4 T.P.S. have been submitted to the office of the Chief Town Planner for boundary delineation consultation under section 41(1) of the GTPUD Act 1976.

# Sustainable Infrastructure Development

## Lake Development :

SUDA had completed 5 Nos. of lake beautification projects Worth 7.11 Cr. This beautification projects will provide a new asset to the people of the village. The development of the lake will increase the ground water table of the village due to enhanced water caring capacity of the lake and the people of the village will get a lot of activities like walking track, garden, children's play area, senior citizens area.



## Bridge :

Bridges are the structures that are constructed for the purpose of providing passage over the obstacle, which is usually something that is otherwise difficult or impossible to cross but SUDA makes it possible by constructing mainly Khadi Bridges. From 2020 as of now SUDA has completed Rs. 19.49 Cr of Bridges, same as Rs.14.70 Cr. of bridges work are under construction at various T.P roads and more Rs.9.92 Cr of new Bridges are under planning stage.



## Water Supply and Drainage Network :

For any city a good water supply and drainage facility is primary needs for public, JAL JEEVAN MISSION ,is envisioned to provide safe adequate drinking water through individual household tap connections by 2024 to all households in India. that is why SUDA has taken approval of Rs. 208 Cr. From

Government of Gujarat. Under JAL JEEVAN MISSION project and the project is under planning stage and in very short time the tender work for the same will be completed.

### • Benefits Assessment

Almost 100% population will be covered in the scheme under consideration, which will save life of the people particularly staying in socio economically backward area who are using water from public taps or hand post. Thus, improving the quality of life of womenfolk.

The duration of the supply which is hardly two to four hours a day will also get increased to 24x7 resulting into better services. the completion of the project will also support all the community of the city.

### • Drainage Network

SUDA has also applied to GUDM for the Drainage Supply facility projects of various D.P areas.



## Road Network :

Road network is the essential part of Infrastructure work to connect habitation .SUDA aims modern traffic easing through roads to reach better safety levels for all road users, improving pedestrian and cyclist conditions, optimizing the used traffic spaces, improving the aesthetic standards of the roads and slowing down the environmental impact of air pollution and traffic noise.

Development of any city is possible only when it has good road infrastructure. SUDA has completed 23.01 km of roads

for Rs 37.45 Cr., same as 15.51 km of roads of Rs 32.54 Cr. are under progress and for the further development of the growing area 47.51 km of roads network of Rs 119.80 Cr. are under planning stage.



## Affordable Housing For All

SUDA has been constantly working towards 'Zero Slum' area and making affordable housing for URBAN and RURBAN POOR. As a part of the Honorable Prime Minister's mission to provide housing for all,SUDA has done extreme efforts under PMAY(U)'s all component mentioned as below:

### ❖ AFFORDABLE HOUSING IN PARTNERSHIP (AHP) Component

SUDA has constructed around 1571 awas for economically weaker section(EWS) and 3328 awas are in construction phase. These houses are not only be available at lower rates which is only Rs.3.00 lakhs for EWS-I and Rs.5.50 lakhs for EWS-II , compared to prevailing current market rates, but also they provide a feeling of home ownership. These awas includes 1 Main room,1 bed room, kitchen, bath &W.C and wash area with all basic amenities like electricity, water, drainage network, security etc.. Moreover approximately 2186 awas are under planning level by SUDA. Such awas scheme not only give the security of house ownership but it also helps in changing the lifestyle of beneficiaries.

### ❖ BENEFICIARY LED CONSTRUCTION (BLC) Component :

In which village people having their own land are covered and given Rs.3.50 lakhs for awas construction. Under BLC Segment, till date 6149 awas have been sanctioned from which 1458 awas construction is completed and around 4691 awas are in construction phase.



After the covid-19 pandemic, Government of India announced Affordable Rental Housing Complexes (ARHCs) as a sub scheme under PMAY (U) to provide dignified living with necessary civic amenities to Urban Migrants/Poor near their workplace at affordable rent. SUDA became the first Authority and Surat became the first city to implement the Affordable Rental Housing Complex (ARHC) Scheme in INDIA.

## SURAT OUTER RING ROAD : AT A GLANCE

Surat city's growth has been phenomenal over last couple of decades. Surat city is 4<sup>th</sup> fastest growing city in the world (City Mayors Foundation Study) and 8<sup>th</sup> largest in India in terms of population. With decadal population growth of over 55% during 2001-2011, present population of city has reached more than 6 million. The increasing population in Surat has generated a lot of industrial, commercial, recreational, educational and other activities. The demand for residential areas has also increased to cater to the fast growing population. Considering the traffic and transportation need of the rapidly growing Surat City having existing Centric road arrangements with narrow culverts & bridges leads to heavy traffic congestion within the city and high population density leads the comprehensive and integrated approach towards traffic and transportation planning is strongly needed. Keeping in view the future expansion of the fast growing city of Gujarat, 90 mts wide 66.77 KM long Outer



Ring Road (ORR) has been planned on the periphery of the city.

Surat City is going to develop as a Smart City. Surrounding area of city is also fast developing. Hence Government of Gujarat has taken initiative to develop Urban Ring Road considering the necessity of streamlining heavy traffic Congestions, currently faced by the commuters in Surat City. So as to implement the project of 90m wide Outer Ring Road in the out skirts of Surat city, Government of Gujarat has formed a company "Urban Ring Development Corporation Limited" (URDCL) registered under the Companies Act-2013 with the equity of 50% SUDA (Surat Urban Development Authority) & 50% SMC (Surat Municipal Corporation). **90 mt. Wide Outer Ring Road, Surat Area.**

Envisaging the Government of Gujarat Vision-2022, out of total 66.77 km long ORR, 39.00 km Ring road is existing while remaining 27.77 km long ORR is a totally Green field development. The proposed ORR shall be passing through TP schemes of SUDA & SMC area of Surat City. It is a Unique Self

Financing Model. The income will be generated from the collection of Toll, Advertisement Rights and by selling commercial saleable plots in TP areas and chargeable additional FSI beyond 0.6 will be utilized for the Urban Ring development of the proposed TP schemes.

### Benefits of the Project:

1. Landowners/Land developers: Compensation & employment opportunities
2. Society: Comprehensive infrastructure, and affordable housing for all
3. SMC, SUDA & GOG: Better traffic management, Quality of life Index, Ecologically & financially sustainable

For the proposed development of ORR, SPV has engaged the services of Consultant for the work of comprehensive planning and design for the urban infrastructure services along the outer ring road in the TP scheme area of SUDA and SMC. As per the phase-I of the DPR estimated cost of the project is Rs.606 crores for the total stretch of 27.77 km. In Phase-I(A) URDCL has sanctioned the tenders for the construction of 45.00 Mt wide ORR for the length of 17.32 km at the project cost of Rs.486.44 Crores.

The work of 17.32 Km. has taken up for 45.00 mt. width (3 Lane up + 3 lane Down) which is divided in to 6 (six) different packages. Out of which, 2 (two) structure packages consist of Fly over bridge, Railway over bridge, Underpass and Creek bridge structures and

bridge on river Tapi. While 4 (four) Road packages consist of road work with Canal crossing and Creek crossing structures. This is a Green field project and more than 95% land possession is already handed over by SUDA/SMC.

All packages works are in progress. Till now approx. Rs.164 crores expenditure has been incurred. Road work stretches are likely to be completed by mid of 2022 & Bridge structure works are likely to be completed by end of 2022. Moreover, planning & tendering for remaining 10.45 km ring road is under process.



# BoB – Leading from front



**B**ANK of Baroda, founded by Maharaja Sir Sayaji Rao Gaekwad III of Baroda in the year 1908, has a heritage of 114 years of service to the nation.

Bank of Baroda is the most competitive customer-centric bank in the Indian banking industry. With the new digital experience and quick turn-around time, it aims to become the most agile and digital-first bank in the industry. In the recent past, the bank has undertaken several initiatives and leveraged technology to bring efficient world-class services to its customers, like Digital Lending Products, Tab Banking, Diginext, IPG, BCMS, Baroda Paypoint, BhimAdhar Pay, Fastag, Internet Banking, and BOB World, providing convenience banking 24x7.

Digitisation of loan products and processes is one of the key priorities of the bank, in order to capitalise on the rapidly evolving 'Digital First' paradigm of banking and secure a leadership position in the country's growing digital lending space. The bank has been consistently making strides in digitisation of MSME Loan/Retail Loan/Agriculture Loan products and processes.

The bank, one of the leading public sector banks in India, started Digital Lending Platform Phase I in November 2020. The bank is offering 8 loan products through the platform at



**Rajesh Kumar Singh**, General Manager & Zonal Head- Baroda Zone

present, viz. Home Loan, Auto Loan, Personal Loan, Micro Personal Loan, MSME & Mudra Loan, Loan against FDR, Gold Loan and BKCC. For the Loans, customers are required to upload KYC documents, ITR, Bank's statement, etc. on the platform to complete the details required and on completion of the digital journey, he/she will be issued in-principle sanction letter with detailed terms and conditions. On receipt of in-principle sanction, the borrower will be required to visit the selected branch to complete the documentation and the loan will then be credited to his/her account. If the customer could not complete his/her journey on the Digital Lending Platform, he/she will not be issued in-principle sanction letter, but the lead will be captured and the branch concerned will contact the borrower and, after completion of requirements, the loan will be sanctioned.

To continue with upgradation, the Bank started Digital Lending Platform Phase 2 in July 2021, commencing rollout of an end-to-end Mudra Loan and Personal Loan journey (from Lead Generation to Disbursement). The Digital Mudra Loan (Shishu) & Personal loan journeys hosted on the platform comprise an end-to-end process from lead generation to sanction and disbursement, enabling the customer to experience a hassle-free Straight through Process (STP)/Near STP journeys in self as well as assisted mode. The Platform has leveraged Fintech integrations and digital analytics which enable an alternative underwriting mechanism involving income verification through digital sources and leveraging surrogate data sources such as consent-based mobile metadata vis-a-vis the traditional balance-sheet oriented assessment.

For Digital Personal Loan, Micro personal loan, Mudra Loan (Shishu) and loan against FDR, the borrower does not require to visit a branch and he/she can get the loan amount credited in his /her account within 15 minutes. The borrower is required to login through BOB World, Baroda Connect, the Bank's website etc. to complete the journey, in order to get the loan credited in his/her account without the intervention of the bank's branch.

The Digital lending platform of the bank offers a hassle-free journey and saves customers as well as the bank time in availing/providing services.

Bank of Baroda has always believed in leading from the front and has taken a sizable lead in the fast-growing segment of digital lending.





# BLUE-CHIP INVESTMENTS IN GUJARAT

Bigger Opportunities. Better Returns. Safer Investments. That's a GIDB promise for Private Sector Participation in Infrastructure Development.

GIDB – a gateway for investment and Private Sector Participation in infrastructure projects in Gujarat.

Provides a regulatory framework for public-private partnership.

GIDB – a high-powered body created for faster decision making for infrastructure projects.

The State, through this legal framework provides sanctity to the process and ensures safety for investments in infrastructure projects through concession agreements.

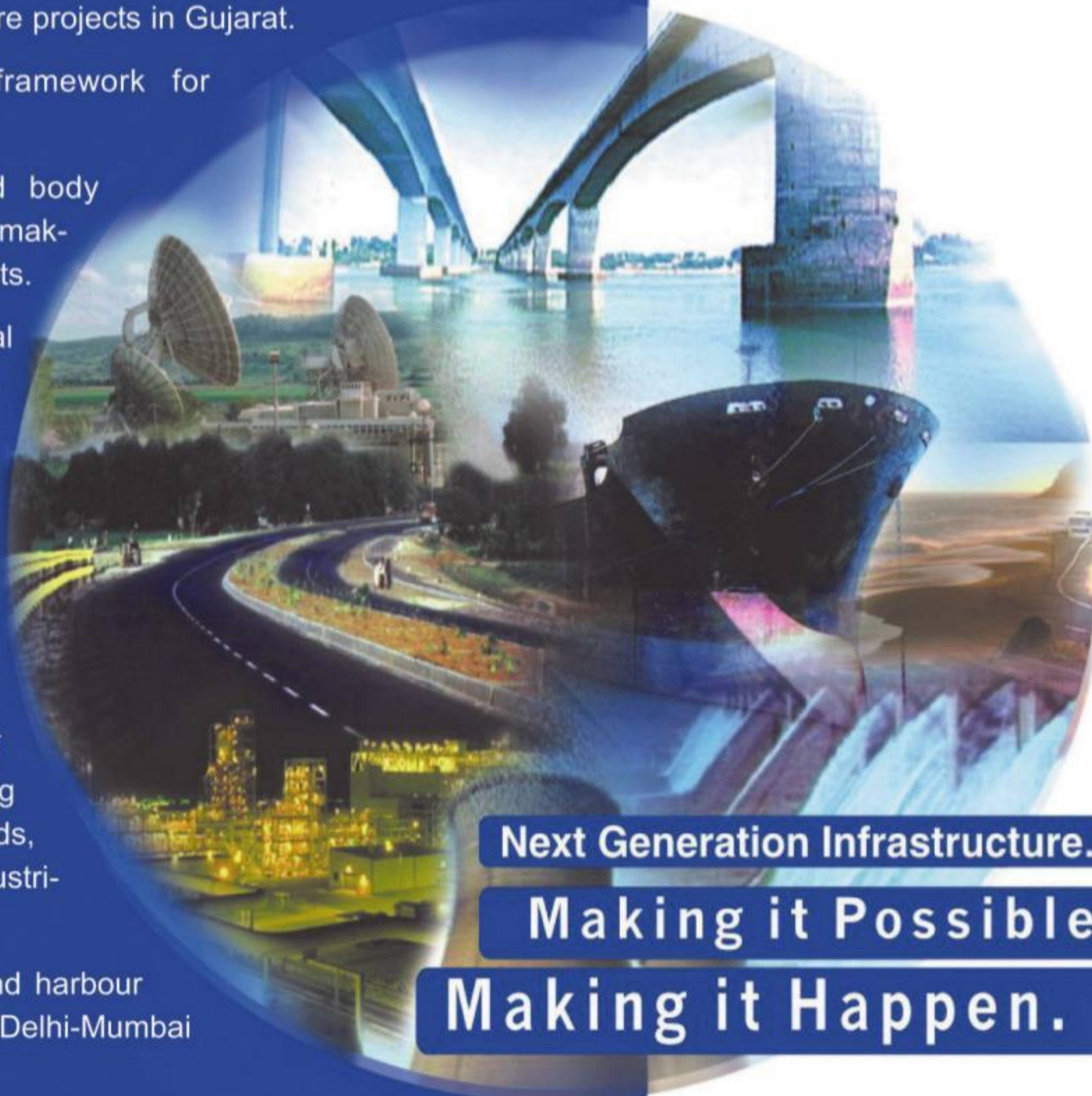
GIDB – conceptualizes, offers and facilitates projects in various sectors of infrastructure including urban transport, ports, roads, railways, water supply, industrial parks and tourism.

GIDB – the state's hub and harbour for the development of the Delhi-Mumbai industrial corridor.

The development of Special Investment Regions in the state figure in the prime agenda of GIDB.

A number of projects across various infrastructure sectors are under development to invite private investment.

Vision 2020, prepared by GIDB, is a landmark document of the state to create a world-class infrastructure backbone with private sector partnership.



Next Generation Infrastructure.

Making it Possible.

Making it Happen.



**GUJARAT INFRASTRUCTURE DEVELOPMENT BOARD**

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# Mr. Vasant Gajera :

## *A Journey from Gala Success to Philanthropy*



*“It is not the great building or a great facility or great advertisements which give quality, but loveable education and great teachers do.”*

- Vasant Gajera

The founder of Laxmi Diamond Pvt. Ltd., Mr. Vasant Gajera embarked his journey from Amreli to Surat as a diamond novice and surprisingly in a short period of time he has mastered the art. The managerial and leadership qualities were already imbibed by him since his childhood. His personal and professional journey witnessed the achievement of one by one landmark in the industry and society. As if, *Ishopanishad* was telling HIM “*Tena tyaktena bhunjitha*” (meaning, let go and rejoice!), and he took up the social service part too.

The motherland and society which have shaped the personality of Vasantbhai is always close to his generous heart. He believes that he is indebted to motherland Amreli hence he started serving to the mankind in domain of education and medications. His professional journey is a case study for the management students and his philanthropic journey has set an example for each successful men. His vision and foresight led not only his business a gala success but also entire state of Gujarat is benefited through his social services. During research on his life and works, it is found that Mr Vasant Gajera has always remained impatient to give back what he has taken from the society. The outcome can be seen as dozens of campuses in Gujarat including seventeen schools, seven professional colleges, one medical college and Vatsalyadham, an educational campus for less privileged children run under one roof of Smt Shantaben Haribhai Gajera Charitable Trust. Thousands of students have been catered in all these campuses since 1993. Still the journey is as beautiful, meaningful and result oriented as it is envisioned.

Vasant Gajera, born on 25 May 1954 to a farmer family in Amreli, Gujarat, India. He shifted from his home town to Surat in 1968 at the age of 14. After studying diamond cutting and polishing for a few years in Surat, in 1972 he has established Laxmi diamonds. In 1993 he has founded a non-profit organization. It's been just 21 years he has become entrepreneur he started serving the brothers and sisters of society. The serving mankind not only requires money but the courage to give up, a generous heart to be inclusive, dedication, vision and unconditional support of family. Mr Gajera could earn all these at the young age. When actions speak louder, words might not be needed. Since its beginning, his professional enterprise as well as social enterprise went so well that he has earned the blessings, praises and awards from across the globe. Like a maestro artist, he has been maintaining the fine balance between Surat and Saurashtra – Business and Social Services.

Since 1997, Smt. Shantaben Haribhai Gajera Shaikshanik Sankul, Amreli was established which has educated, empowered and employed the thousands of daughters of not only Saurashtra region but attracted to the students from across Gujarat.

The importance of education as a means of personal development was emphasised by him. According to him, it is knowledge that distinguishes a truly great person. Mr Gajera believes that the spirit and utility of the material given in our educational system must be created as a foundation. At the conclusion of their high school careers, students should be presented with two certificates: one for passing the 10+2 exam and another for developing a specific ability during their stay at the institution. Specifically, he believes that children should receive additional training in a specific skill set that would not only help them land a job after school, but will also teach them about the inner workings of real-world



Specifically, he believes that children should receive additional training in a specific skill set that would not only help them land a job after school, but will also teach them about the inner workings of real-world corporations.

Laxmi Diamond, the brainchild of Mr. Gajera, has given back to society through their Corporate Social Responsibility (CSR) programmes, which have already moulded more than 50,000 students in communities. It turned into a concerted effort to find a long-term solution for the benefit of the entire community. The state of mental paralysis has finally come to an end. The educator's quest to end illiteracy in India has now had a beneficial impact on the lives of tens of thousands of young people in the country. The notion that education cannot be characterised as a corporate product or system, and that only extraordinary teachers can inspire high-quality learning, has been re-emphasized. Under the skilful leadership of Mr Vasant Gajera, the Smt Shantaben Haribhai Gajera Charitable Trust has been accomplishing all of this for the past 25 years.

A thousand fold rise in literacy rates has been achieved in Gujarat as a result of the

work of Mr. Vasant Gajera, the founder of the Gajera trust. Mr. Vasant Gajera has received various medals and honours for his contributions to education in the state. Students at the Laxmi Diamonds Corporate Social Responsibility Initiative Through the development of these five talents, the Gajera trust under Vasantbhai trains its members to become 'Autonomous Learners,' who are capable of both honouring authority and questioning authority in an appropriate manner. Mr. Gajera and his professional – social enterprises will receive the India Gem & Jewellery Awards (IGJA) in August 2021 from the Gem and Jewellery Export Promotion Council (GJEPC) in recognition



of the meaningful education and healthcare initiatives implemented throughout the year at the Vatsalyadham orphanage and Shantaba Medical College & General Hospital, among other efforts. Gujarat's Chief Minister delivered the award in the presence of Member of Parliament C R Patil and other prominent members of industry and society. The International Guild of Journalists has named them the best socially responsible company in the field.

# Shantabaa Medical College and General Hospital

The Amreli district does not have any full-fledged industries and folk majorly depends upon agriculture as the main source of livelihood. The youth of Amreli migrates to Surat, Ahmedabad or Mumbai and mostly indulge in the diamond industry for the employment. The majority public in Amreli belongs to the middle class. The inadequate facilities of the medical and education in the region has also become one of the major reasons for the migrations and bundle of troubles for the locale.

In the year of 2017, an MoU was signed between Government of Gujarat and Smt Shantaben Haribhai Gajera Charitable Trust under the health policy 2016 of Government of Gujarat, since then the Amreli Civil Hospital transformed as the Shantabaa Medical College and General Hospital, Amreli.



With this humanly initiative of Mr Vasant Gajera to manage the medical college and general hospital in Amreli, spread a ray of hope for the people of entire Amreli district and surrounding areas for the better medical facilities. The quality and timely medical treatment is the right of

everyone, states Mr. Gajera in one of his conversations. Hence the 300 bed Hospital is transformed into 700 bed teaching hospital gradually. The noteworthy part is, OPD. Earlier OPD of hospital was 150 to 200 everyday which dramatically turned to 800 to 900 OPDs daily. This not only speak louder about the success of Mr. Gajera and his trust but also showcases the faith of people, quality treatment and timely medication services. Around 250 to 300 patients started getting treatment in house with adequate admission facilities and staff.

In a very short period of time, the general hospital got the team of super-specialist doctors, international level infrastructure and well equipped medical instruments. The all credit goes to Mr. Vasant Gajera's love and concern for the motherland and fellow brothers. Not being limited to the regular treatments, Shantabaa Medical College and General Hospital has developed in house trauma center, in house blood bank and high-tech laboratory facilities which furnishes all the diagnostic requirements.

The most attracting factor of this hospital is, for all kind of treatments and even for OPD there is no fee charged. Shantabaa Medical College and General Hospital, Amreli does not charge anything from the patients. Not only the OPD or in house treatments but all medications, diagnosis and all best possible medical facilities are provided free of cost. Admitted patients get three times hygiene food as per the advice from the dietician free of cost.



Medical college on this campus is well-equipped with ultra-modern instruments and infrastructural facilities as per the norms of MCI/NMC. The intact of MBBS students is 150. For the better leaning environment, the highly qualified and senior faculties are hired. Students are provided with the research laboratories and posting in hospital for practical exposure under the able supervision of senior doctors and professors. The



Shantabaa Medical College and General Hospital comprises of 23 different departments like Anatomy, Physiology, Bio-Chemistry, Forensic Medicine, Microbiology etc. Each department is independently equipped with departmental research laboratories and libraries. Around 500 Specimens, Models, Charts etc. enable students to foster

the learning. A central library facility with capacity of reading hall for 300 people is built in 2500 sq. meter. At present 5000 books are available in the medical college library which will be doubled shortly.

Being in Surat, irrespective of his busy schedules and professional enterprises, Mr Vasant Gajera ponders over the issues and challenges faced by people of his native land and strive hard to overcome all these issues and challenges. In the recent past, covid-19 affected the entire world and Amreli was not an exception. Shantabaa Medical College and General Hospital being the biggest and only hospital stood by the people of Amreli. On emergency basis the entire covid care center was established in terms of staff, infrastructure,



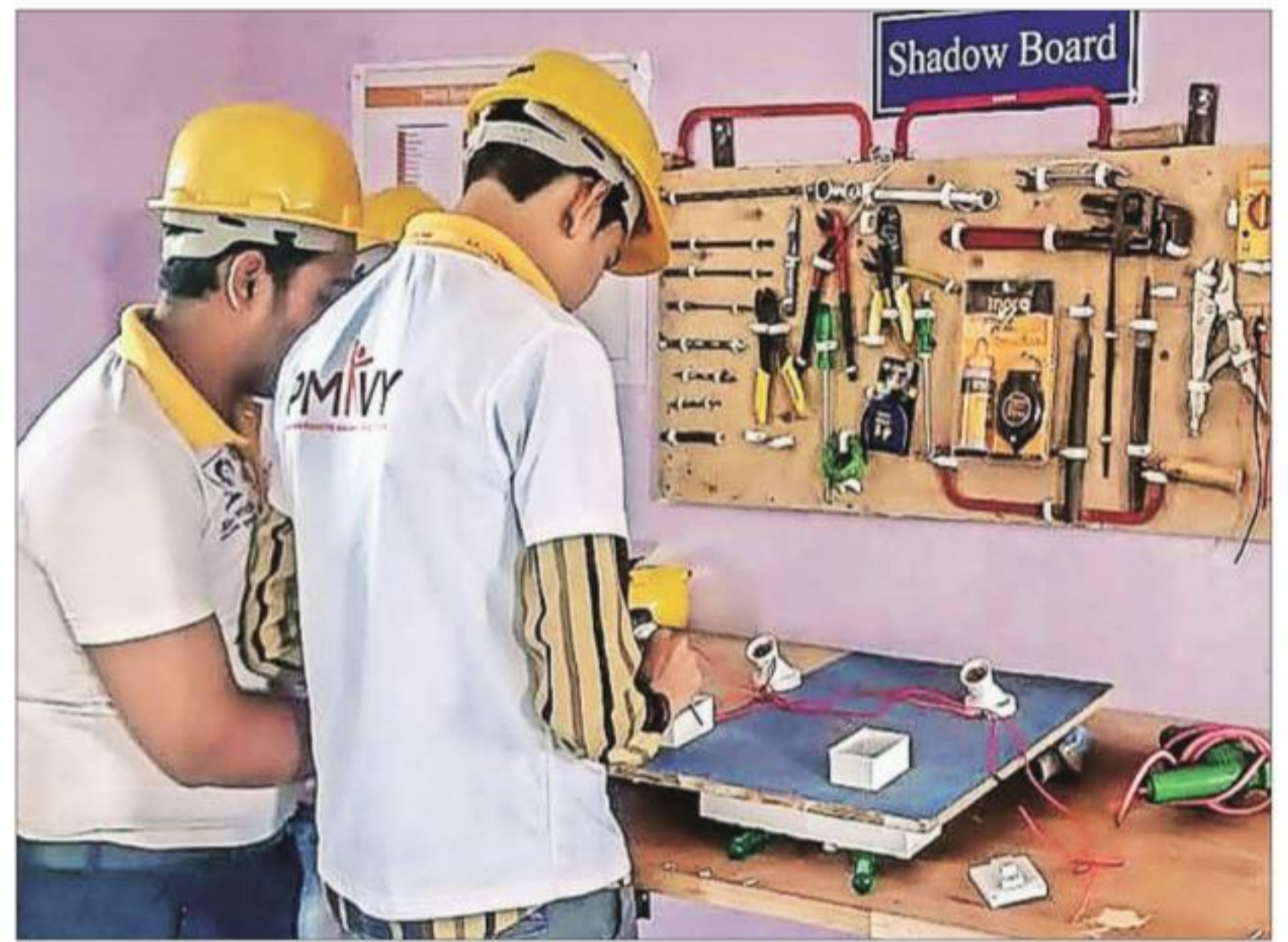
medications, and instruments. CT Scan Machine which approximately costs Rs. 02 CR is installed considering the need of corona patients admitted at hospital. This hospital has provided treatment, medication, diagnostic and transportation facilities to the critical patients to just affected patients tirelessly. 30 ICU bed, 70 doctors, 150 nursing staff, 100 swiping staff, 50 para-medical staff, 50 supporting staff, high flow ventilators, flow meters, oxygen facilities, oxy-meters, thermal guns, ambulances, ICG Machine, masks, sanitizers and almost everything is managed on urgent ground with the only aim to provide the best medical treatment to each needy person at no cost. All these 24\*7 facilities and treatments were provided free of cost. ICMR Approved, NABL Accredited RT-PCR Laboratory was set up for the testing corona cases. As per

the need of patients and advice from the doctors, food facility was provided without any discrimination. Covid Help Desk also enabled many to get the proper treatment and remove the fear of corona.

Mr. Vasant Gajera is an educational thinker and visionary who push for the combination of traditional and modern educational ideas in order to create a more balanced Indian society. Through the building of various schools and institutions, he has distinguished himself as an internationally recognised businessman who has made a substantial and distinctive contribution to Gujarat's educational development. Because of his comprehensive perspective on development, various new areas in research and study have been opened up as a result of his work. As a result of Mr. Vasant Gajera's vision for Gujarat, modern medical and educational facilities, numerous success stories, and the eradication of illiteracy through hundreds of degree and diploma programmes, including those for the poor, have been established throughout the state.



# GSDM empowering the youth of the state through skill development



**T**HE state of Gujarat became a pioneer in the skill development ecosystem, when it launched its flagship “Kaushalya Vardhan Kendra (KVK)” programme in 2009, taking skill development programmes to the doorstep of rural beneficiaries, with a special focus on women. At a time when vocational skilling, as we know it today, was still in its infancy even at the national level, the state developed a pathbreaking model anchored by ITIs to set up skill centres at every block in the state, with over 500 centres at its peak, which have impacted over 19 lakh beneficiaries, mostly rural women over the past decade.

Recognising the importance of skills for sustained growth and social development and to maintain the momentum that the state has gained over the years, the state has constituted Gujarat Skill Development Mission (GSDM), which is the nodal agency of the state for monitoring, coordination and convergence related to Skill Development and Entrepreneurship activities. The mission aims to empower the youth of the state by providing access to market-oriented and demand driven training, delivered through state-of-the-art skilling infrastructure in the state.

Gujarat has consistently devised some of the most innovative schemes in the annals of the Indian Skills journey. Some of the milestones achieved by the



state include the state-wide outreach campaign “Kaushal Rath”, a first-of-its-kind CoE with Siemens, establishment of the first PPP skill university, an industry-led, in-industry skilling scheme Industrial Kaushalya Vardhan Kendra (iKVK), leadership in Apprenticeship through its Mukhyamantri Apprenticeship Yojana, which contributed about 25% to the total apprentices engaged nationally. The state is actively participating in flagship national schemes for strengthening the ecosystem, such as Strive and Sankalp, and flagship training and apprenticeship schemes such as PMKVY, NATS, and NAPS.

The mission continues to keep pace with the evolving skill ecosystem through several schemes, to offer a gamut of short

and long-term skill development programmes encompassing skilling, upskilling, reskilling, apprenticeship, and recognition of prior learning.

The mission has taken cognisance of the changing demands of the industry and the dynamically evolving job market and has been continuously striving to evolve its schemes and align them to the changing ecosystem. Taking inspiration from the iKVK scheme, the mission has introduced Project Sankalp, an innovative “in the industry, by the industry, for industry” programme, in Gujarat that aims to create a mutually beneficial ecosystem by encouraging industry associations and industries to partner with GSDM for implementing demand-based skill development programmes in both

the manufacturing and service sectors. The mission aims to skill over 25,000 youth under this scheme.

Similarly, GSDM has refreshed its once flagship KVK, to take it to the next level as Saksham (Kaushalya Vardhan Kendra 2.0), and extend employer-led domain skill training in manufacturing and service sectors, fostering aspirational skilling and employability opportunities at district/block levels. The programme is uniquely designed to extend start-up and business creation support to beneficiaries. The mission aims to skill over 25,000 youth every year under this scheme.

The mission also considers making skills training, an aspirational avenue for the youth, as one of its major objectives and in line with this, it has introduced some pathbreaking initiatives to strengthen the entire skill value chain.

“Kaushalya” – the Skill University, a government university, has been established through a legislation of the Government of Gujarat, with the objective of imparting “Education with Skills” and “Skills to Every Youth” under the guidance of the chief minister. The University will act as a bridge in connecting skill development with higher education through vertical mobility and will empower the youth of the state with futuristic learning avenues. The “Education with Skills” approach of the Skill University will therefore provide the youth with progressive career opportunities and en-



digitising the skill development value-chain. The mission has developed a strong IT backbone that allows for strong scheme-wise tracking and monitoring. The IT system currently enables several key platforms that strengthen the efficacy of skilling programmes, bilingual interest assessment tool, Anubandham, and is slated to further integrate a command-and-control centre, a digital learning platform, an apprentice exchange, a trainer-assessor registry, an alumni network, among other things.

The state has a robust network of over 45 employment exchanges across the districts that provide career related services to the youth. Recently, the state also introduced an Employer-Job Seeker Portal, Anubandham, which has already registered over 4.16 lakh job seekers and over 44,000 employers since its inception in August 2021. The state also has a call centre service, Rojgar Setu, using which job-seekers and students can directly communicate with counsellors at the District Employment Exchange and receive guidance related to employment and training avenues.

The mission is also carrying out an extensive district-wise skill gap study to understand aspects such as prevalent skill gaps in the existing labour force and the youth ready to enter the labour pool, aspirations of the youth, industry requirements, impact of COVID on the job market, etc. Through this study, the mission aims to get an estimate of the sector-wise incremental manpower requirement for the next 5 years and use the insights in further developing and evolving its schemes.

To increase awareness about skills among the youth and recognise skilled youth, the mission also organises Skill Competitions in partnership with multiple industry and academic partners. These competitions enable the youth to showcase their skills, and prepare them for national and international platforms. Recently, in October 2020, the state participated in the Regional Skill Competition and posted a commendable performance through 8 Gold and 5 Silver medals and has qualified for participation in select skills for the India Skills Competition at the national level.

Even as the mission continues to steer all skill development efforts of the state, it is also working towards developing a robust skill policy for the state to streamline the skill ecosystem. With the pandemic led disruption having accelerated the arrival of future of work, the policy will pave the way for the mission to reskill and upskill the youth of the state and ease their transition into jobs that will require newer and futuristic skill sets.

hance their employability.

GSDM aims to set up 41 Skill Institutes under Kaushalya - the Skill University (KSU) over the next five years by upgrading Government ITIs, granting youth across the state access to futuristic and aspirational skill development programmes. The Skill Institutes will be affiliated to KSU and will offer diploma, advanced diploma, and degree programmes. In Phase 1 of the planned upgradation, 5 ITIs are proposed to be upgraded as Skill Institutes for FY2022-23. Kaushalya - The Skill University has launched 9 Undergraduate programmes and 70+ Degree/ Certificate programmes from 2022-23.

KSU - The Skill University plans to run long-term/short-term courses in drone technology and offer innovative courses through School of Drones. 20,000 youth are planned to be trained in the next 3 years in Drone operations, Drone technician, and Drone assembly courses through the KSU & ITI network.

Indian Institute of Skills (IIS), a state-of-the-art skilling institute, has been set up through a tripartite agreement between the Ministry of Skill Development & Entrepreneurship (MSDE), Government of India, Government of Gujarat and Tata Education Development Trust, Mumbai (TEDT). IIS Ahmedabad has been uniquely conceptualised to offer futuristic courses in Aerospace & Defence, Manufacturing, etc. to meet the aspirations of students who directly enter the skill domain after class 10 or 12 instead of the traditionally preferred pathway of higher education. Spread over 20 acres



in Nasmed, Gandhinagar, this state-of-the-art skill centre has an annual intake capacity of 5,000 youth.

The Gujarat Apex Training Institute (GATI) is an initiative with technical and knowledge partner GIZ, Germany, for establishing Centres of Excellence (CoEs) and iTOT centres, offering industry-aligned advanced technology training courses for the youth and instructor cadre, to create a pool of skilled, experienced, and well-trained youth and instructors in the state.

The Mukhyamantri Bhavishya Lakshmi Kaushal Vikas Yojana (MBKVY), GSDM, with a strong focus on the advancement of skills that are relevant to

the emerging economic environment, is starting 51 new age industrial demand-based short-term courses to benefit 50,000 youth in FY2022-23 in the state of Gujarat. To start with, training will be imparted in the new age courses from Healthcare, Automotive, Green jobs, IT-ITeS, Capital Goods & Manufacturing, Banking, Financial Service & Insurance (BFSI), Construction, Drones, Electronics & Hardware, Logistics, Media & Entertainment, Telecom, Sports & Fitness, Furniture and Fitting, Tourism & Hospitality, Plumbing, Apparel and Beauty & Wellness sectors as per industry requirements.

The state has made huge strides in

# Deendayal Port Authority, Kandla retains numero uno position in cargo handling in fiscal 2021-22

**D**PA, retaining its numero uno position, handled 117.5 MMT of cargo in 20-21 under the leadership of S. K. Mehta, Chairman, & Nandeesh Shukla, Deputy Chairman. DPA congratulates stakeholders, officers, employees, and unions for their cooperation in its retaining the No. 1 position. Backed by support from port users and the shipping fraternity and the efforts of port staff, DPA handled 117.5 MMT of cargo during FY 2020-21, despite low demand-supply situation prevailing on account of the Covid 19 pandemic and two cargo berths being spared for maintenance in the financial year. The port had handled cargo of 122.61 MMT during FY2019-20; thus it saw a decline of only 5 MMT or 4.12% in FY20-21. The port handled dry cargo (including containers) at Kandla to the tune of 536.30 lakh MTs in FY2020-21, as compared to 486.40 lakh MTs in FY 2019-20, an increase of 10%. Liquids at Kandla were at 148.16 lakh MTs, as compared to 157.84 lakh MTs in FY19-20. Notably, despite the tough situation globally, at KICT, the container terminal handled around 5.15 lakh TEUs in FY20-21 as compared to 4.47 lakh TEUs last fiscal, which is commendable.

This is the first time in the history of DPA that the port has crossed 5 lakh TEUs in container handling. Concerted efforts and a series of positive initiatives taken by the Deendayal Port Administration have led to this success, in all spheres like efficiency, productivity, cost-effectiveness, transparency and Port User satisfaction under the able leadership of the Chairman, S.K. Mehta, IFS, and Nandeesh Shukla, IRTS, Deputy Chairman. The Port administration congratulated Port Users, Board of Trustees (DPA), Officers, Employees, and Unions for their support and cooperation in its crossing the significant landmark of 117 MMT in the fiscal.

## DPA HANDLED 0.665 MMT CARGO IN A DAY, SURPASSING ITS OWN RECORD

On 4th April 2021, DPA added one more laurel to its series of achievements by handling 0.665 MMT cargo in a day, surpassing its own record of 0.583 MMT achieved on 27th October 2016. Major cargoes were Crude and POL, which accounted for close to 70% of the cargo handled.



S K Mehta (IFS), Chairman, Deendayal Port Authority, Kandla

## DEENDAYAL PORT AUTHORITY HANDLED 127.10 MMT OF CARGO DURING FY2021-22 & 117.5 MMT OF CARGO DURING FY2020-21, DESPITE THE LOW DEMAND-SUPPLY SITUATION PREVAILING ON ACCOUNT OF THE COVID 19 PANDEMIC AND TWO CARGO BERTHS BEING SPARED FOR MAINTENANCE DURING THE FINANCIAL YEAR

### INAUGURATION OF MEDICAL OXYGEN GENERATOR UNIT AT GOPALPURI HOSPITAL

The then Union Minister of State for Ports, Shipping & Waterways Mansukh Mandviya virtually inaugurated Medical Oxygen generator unit with medical oxygen copper piping network and fire-fighting system and automatic oxygen source changeover system through oxygen cylinder bank at the Deendayal Port hospital, Gopalpuri, on 2nd June, 2021.

The Deendayal Port is the first port amongst all Major Ports to install and commission such an oxygen generation unit in this pandemic scenario.

The installed oxygen generator unit is having a capacity of 20cu.m./hr i.e.

20,000 litres/hr. at 5-6 bar pressure, which is equivalent to approx. 3 nos. jumbo cylinders per hour, which can be utilised for the treatment of COVID.

### DPA MADE FACILITIES FOR TACKLING COVID-19 PANDEMIC

DPA has issued a work order for urgent supply and installation of a Medical Oxygen Plant of 20 cubic-mtr./hour capacity at Government hospital Rambagh, Adipur, for the treatment of Covid 19 patients. The Port will incur an expenditure of ₹33.5 lakh on this account.

The ports are accelerating the Centre's efforts to tackle the pandemic. Contributing to the fight against COVID-19, Deendayal Port Authority has made facilities for:

- 50 bedded COVID hospital (fully functional) Intensive Care Unit (under process)
- ✓ Work in progress on utmost priority basis to establish oxygen re-filling plant (with a capacity of 50-60 cylinders per day) on hospital premises.
- ✓ To Conduct Rapid Antigen testing for COVID-19 and Vaccination Drive on a regular basis
- ✓ Facilitate Food and refreshments supplies to all patients and their relatives.
- ✓ 8 additional MBBS Doctors and 15 paramedical/sanitation staff appointed for giving care to increasing number of COVID patients.
- ✓ Sufficient number of O2 cylinders ensured at hospital for COVID patients.

### DPA ORGANISED PM-GATI SHAKTI, ZONAL CONFERENCE ON 26TH NOV 2021 AT MAHATMA MANDIR, GANDHINAGAR

PM Gati Shakti will provide employment to youth, will also benefit industries – Union Minister Sarbananda Sonowal said at the conference, adding that under the leadership of Prime Minister Narendra Modi, India's distinct identity has emerged in the world.



DPA organised PM-GATI SHAKTI, Zonal Conference at Mahatma Mandir, Gandhinagar, on 26th Nov, 2021

The PM Gati Shakti 2021 has been launched by the Central Government under the leadership of Prime Minister Narendra Modi to provide a Na-

tional Master Plan for Multi-Modal Connectivity across the country. The seminar and workshop, organised under the auspices of Deendayal Port

Authority, Kandla, was inaugurated by Union Minister for Ports, Shipping and Waterways, Sarbananda Sonowal.

**ON 4TH APRIL 2021, DPA HANDLED 0.665 MMT OF CARGO IN A DAY, SURPASSING ITS OWN RECORD OF 0.583 MMT**

The PM launched PM Gati Shakti – National Master Plan for Multi-modal Connectivity, essentially a digital platform, to bring 16 Ministries including Railways and Highways together for integrated planning and coordinated implementation of infrastructure connectivity projects. The multi-modal platform will ensure integrated and seamless connectivity for movement of people, goods and services from one mode of transport to another.

ADVERTORIAL



## Growing together

*Under the strong leadership of Mr Ramesh Tilara, SVIA facilitates emergence of Shapar-Verval as the largest industrial zone of Saurashtra-Kutch*

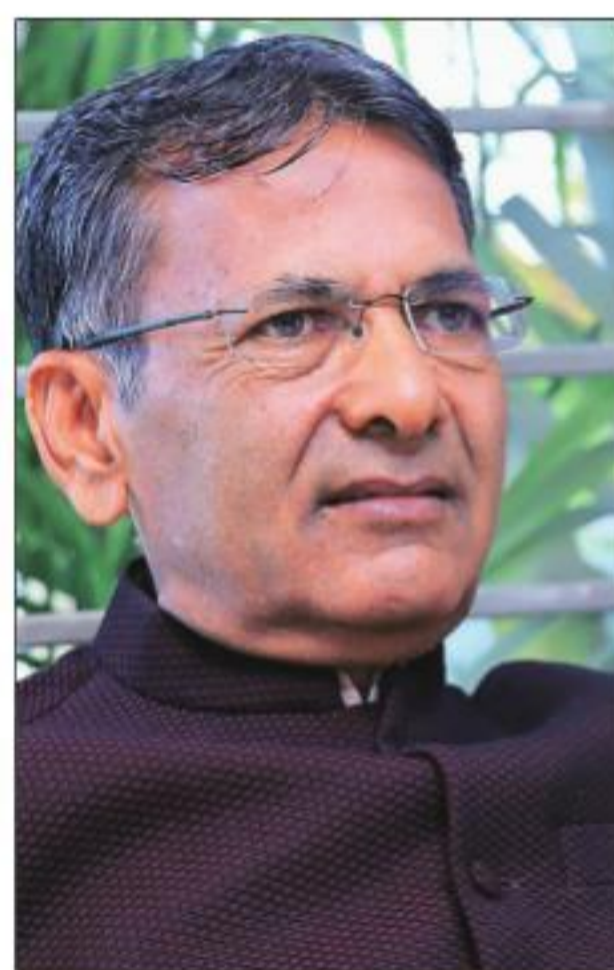
**T**HE foundation of Shapar-Verval industrial area was laid much before but its real march of development began in 2005 and is continuing even today. Credit for this continued successful march goes to Mr Ramesh Tilara. It was in 2005 that Shapar-Verval Industrial Association (SVIA) was formed and Mr Ramesh Tilara was entrusted with the important responsibility of leading it as its president. Under Mr Tilara's leadership, industrialists, who have units in Shapar-Verval, have come together and achieved what many thought was impossible. Under Mr Tilara's leadership and thanks to relentless efforts of SVIA members and office-bearers, SVIA has emerged a go-to forum for industrialists to seek redressal for their individual problems as well as common problems. This has inspired a great degree of unity among members.

Though Shapar-Verval is not a notified GIDC, within a short pe-

riod of time he assumed the charge of SVIA, Mr Tilara ensured that the industrial zone has telephone connectivity, good roads, healthcare facilities, a police station, a post office, ambulance service for medical emergency, proper regulation of vehicular traffic, uninterrupted power supply, a fire station etc. Not only that, Mr Tilara has also led industrialists in fulfilling their corporate social responsibility commitment by organising blood donation camps, medical check-up camps, by undertaking tree-plantation drives, cleanliness drive etc.

### SHAPAR-VERAVAL HAS SPACE FOR MICRO UNITS AND FOR THOSE WITH TURNOVER IN CRORES

Known for its ease of doing business, Rajkot is the hub of MSMEs in Gujarat state. They make products ranging from pin to parts of Mangalyaan here. Rajkot has been called a mini-Japan by virtue of it being home to all types of industrial units



**Ramesh V Tilara**  
Chairman

and the Shapar-Verval industrial zone has played an important role in creating Rajkot's identity as a mini-Japan.

Located 15 kilometres away from Rajkot, Shapar-Verval is the largest industrial zone of Saurashtra-Kutch which has developed only due to efforts of the government but thanks to cooperation of industrialists.

Unlike other industrial zones which are GIDC estates, Shapar-Verval is not a GIDC estate and yet all types of facilities are available here to set up industries and therefore, Shapar-Verval is the first choice of entrepreneurs wanting to set up new units. Here are located units functioning out of a small cottage to those of big corporations and public limited companies. They are known even on foreign shores and consequently products manufactured by units located here reach every corner of the world. It is no surprise that Shapar-Verval industrial zone alone helps the government earn foreign exchange running into crores.

Shapar-Verval industrial zone provides livelihood to an estimated 1.5 lakh people. Migrant labourers have settled down here, providing opportunities to their children of getting an education and health of their family has improved.

From the beginning of the Covid-19 pandemic, SVIA has

remained at the forefront in distributing humanitarian aide and tackling the infectious disease. The Association began with distribution of pamphlets and setting up banners to create awareness about the viral disease, then started distributing face-masks etc. SVIA also acted as a bridge between the government and the industry during lockdown as it facilitated members in getting passes to keep their units open during the lockdown, securing permits to unit owners for visiting their units for payment of salaries to employees, reopening units which had shut down operations, passes for transportation etc. Not only that, SVIA also arranged for ration kits as well as food for workers, donated Rs22 lakh for installation of an oxygen tank at Samras Covid Hospital, Rs55 lakh for arranging for oxygen cylinders for Rolex Covid Hospital. Later on, SVIA also organised camps for vaccinating people against Covid-19.

# GUVNL: On path to making Gujarat a renewable energy hub



The company and its subsidiaries have launched a slew of projects to boost the state's power sector

**F**OCUSING on self-reliance, Gujarat Urja Vikas Nigam Limited and its subsidiaries into power generation, transmission and distribution (GSECL, GETCO, DGVCL, MGVCL, PGVCL & UGVCL) are well on their way to realise the vision of Atmanirbhar Bharat. A slew of projects are underway to add more green energy, grow the infrastructure and empower consumers, in order to support Gujarat's overall economy and contribute towards India's vision of a greener, cleaner, carbon-neutral and self-reliant energy future.

## GREEN ENERGY FOR A SECURE FUTURE

GUVNL has undertaken various

rounds of Competitive Bidding and successfully concluded tendering for 6050-MW RE Projects (700-MW Wind and 5350-MW Solar) at competitive tariffs in the range of ₹1.99-2.80/unit. As per the tender conditions, the Solar Developers are required to install solar modules and panels from the Approved List of Models and Manufacturers (ALMM). The ALMM list has about 40 domestic manufacturers with more than 10-GW capacity and thereby GUVNL's Tenders shall be giving a boost to local manufacturing.

Gujarat ranks the second highest in the country with over 17,730 MW of Renewable Energy capacity. To further increase capacity, GUVNL's

generation arm, GSECL, is going to add another 6643 MW of RE at various locations, with the State aiming at total RE capacity of 40 GW by 2030.

## EMPOWERED ROOFTOPS

Gujarat has the highest number of rooftop solar installations in India, with over 27% of the country's installed capacity. GUVNL has set an example for the entire nation by embracing the use of solar energy. At present, Gujarat ranks first in the country with over 1824 MW of installed capacity under operation. The Surya Gujarat scheme allows the consumer to produce his/her own green energy on their rooftops, offering them an oppor-

tunity to be self-reliant for their energy needs and even earn something by injecting surplus energy into the grid.

## DAYTIME POWER FOR FARMING

GUVNL has launched a unique scheme for farmers to offer them daytime power for irrigation. The Kisan Suryodaya Yojana (KSY) is a scheme that really empowers the farmers as it gives them the freedom to avoid going to farms at night time for irrigation. The power supply allows the maximum use of solar energy generated during the daytime, which is used for agriculture. The scheme is envisaged to cover the entire state by the year 2023.





# GUJARAT NATURAL FARMING AND ORGANIC AGRICULTURAL UNIVERSITY

HALOL (Camp: Anand)-388001

Email: [reg.goau@gmail.com](mailto:reg.goau@gmail.com) • Website: [www.goau.gujarat.gov.in](http://www.goau.gujarat.gov.in)

## University Highlights

- In accordance to Gujarat Organic Policy-2015, Government of Gujarat has established Gujarat Natural Farming and Organic Agricultural University vide Act No. 16 of 2017 and subsequent amendment bill Guj. 2 of 2022.
- This is the first Natural Farming and Organic Agricultural University of India offering PG Programmes in Organic Farming.
- Jurisdiction of the University is entire Gujarat state.
- Incubation centers representing different Agro-climatic zones of Gujarat will be developed to promote natural farming and organic agriculture in the state.
- The full fledged University Campus is under development at Halol, Dist.: Panchmahal, Gujarat. Campus will include:
  - ✓ University Building
  - ✓ PG Institute
  - ✓ Auditorium
  - ✓ Fully furnished hostels for boys, girls and visitors along with dining halls / canteen
  - ✓ A full fledged training Centre along with accommodation for farmers
  - ✓ Residential facilities for officers and staff
  - ✓ Sports and Medical facilities



Dr.K.B.Kathiria (Vice Chancellor)

"We are committed to develop a sustainable agricultural technology to make our heritage agriculturally prosperous"

## MANTRA

"कृषि: एव प्राणोऽस्ति ॥"

### Vision

Organically prosperous and Improved Agriculture in Gujarat and India

### Mission

- Exploiting new vistas of research in the field of Natural Farming and Organic Agricultural Science
- Development of excellence in human resources and innovative technologies pertaining to Natural Farming and Organic Agriculture
- Promote Natural Farming and Organic Agriculture for the welfare of the farming community

## Objectives

1. Making provisions for imparting education towards development of quality human resource in different branches of study in natural farming and organic agriculture
2. Advancement of learning and conducting of research
3. To acquire the traditional and ancient knowledge and refine it with modern scientific tools
4. Undertaking extension education and training promoting partnership and linkages with national and international educational institutions

## Education

1. Offering two years PG programme : M.Sc. (Agri.) Organic Farming (As per course finalized by BSMA-2017 Committee of ICAR)
2. PG Diploma in Organic Farming (in pipe line)

## Research Panoramas

1. Identification, assess and validation of Indigenous Technological Knowledge
2. Standardization of IFS in different Agro climatic zone of Gujarat State
3. Large Scale Organic Input Production System
4. Standardization of Good Agricultural Practices (GAP) for major crops of Gujarat state under organic management
5. Establishment of Pesticide Residue Laboratory
6. Establishment of soil and water analysis laboratory
7. Collection and conservation of germplasm of indigenous seeds of major crops and their uses in breeding program
8. Researches on natural farming, low cost and on-farm technologies for soil and water conservations
9. Developing different IFS models for natural and organic management

## Extension Education

1. Short term training course for farmers
2. Three months certificate course on Organic Farming (in pipe line)
3. Establishment of Training Centre for trainees
4. Vocational courses for 12 pass students in Gujarati language

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दीनदयाल पत्तन प्राधीकरण  
**DEENDAYAL PORT AUTHORITY**  
(INDIA'S NO. 1 MAJOR PORT)

**Retained No. 1 Position amongst All  
Major Ports for the 15<sup>th</sup> Year in a row**



**First Major Port to handle 100+ MMT Cargo  
for the 7th Consecutive Year**

Steady growth, excellent infrastructure, last-leg connectivity, round-the-clock and cost-effective services are the major strengths of Deendayal Port. Due to the unique locational advantage, the gateway to the vast granaries of Northern India and the entire North-Western industrial belt, the DPA has access to vast hinterland of 1 million square kilometers, that extends upto Jammu and Kashmir also.

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Email : prcdpt@gmail.com | Website : www.deendayalport.gov.in

# Labour, Skill Development and Employment Department, Government of Gujarat



## Gujarat Skill Development Mission ■

- GSDM act as an apex body for monitoring, co-ordination and convergence related to Skill Development activities leading to employment in Gujarat



- To make a comprehensive strategy for Skill Development in the State
- To undertake survey/research of the existing status of skill gaps
- To disaggregate the strategy in terms of targets skill-wise and beneficiary-wise
- To develop sector specific skill development plans after identifying the skill development needs and skill shortages within the sector
- To promote and coordinate tie-ups, partnerships and dialogues between various stake holders in the process of skill development



### GUJARAT SKILL DEVELOPMENT MISSION

Block No. 2, 3rd Floor, Dr. Jivraj Mehta Bhavan, Gandhinagar-382010

Website : <https://skills.gujarat.gov.in>