

# NANDESARI GIDC INDUSTRIAL ESTATE



- GIDC, Nandesari is one of the Oldest GIDC, Estates of Gujarat, India
- Plots were allotted to Industries in 1967.
- In GIDC, Nandesari there are micro, small scale industries large scale industries. 80% of the industries are Micro & Small scale Industries.

Dye and Dye intermediate units	-	32%
Pharma and pharma Int. units	-	23%
Synthetic Organic units	-	22%
Inorganic units	-	14%
Recovery units	-	4%
Pesticide units	-	3%
Engg units	-	2%

Industries like Farmson (largest manufacturer of Paracetamol), Ineos Styrolution India Ltd., Deepak Nitrite Ltd., Camphor & Allied, Sodium Metal Ltd., manufactures of drugs like Pragabalin etc. are located in Nandesari

- All these industries give good employment to Chemical, Mechanical, Electrical, Computer & Civil Engineers, Chemists, Environmental Chemists, skill and unskilled work force.

In 1993, Nandesari Industries Association (NIA) took over the operations of Common Effluent Treatment Plant and Water Utilities from GIDC. Since then NIA has carried out various Developmental Projects for the Member Units in GIDC.

- ✓ Have increased the treatment capacity of the CETP from 5.5 MLD to 12 MLD. Now application has been made to increase to 20 MLD with recycle of 8 MLD. The CETP is also treating the Sewage generated by Nandesari Village (600 ~ 700 KL/day).
- ✓ At the discharge point, CETP installed the Continuous Online Monitoring System of Xylem, Germany make since May 2015.
- ✓ GIDC Nandesari is the First Estate to provide RO water to member industries (Raw water TDS = 3500 mg/L; RO water TDS will be < 150 mg/L). NIA also supplies RO water to neighboring villages also viz. Nandesari, Damapura, Radiyapura, Chamundanagar, Rupapura and Lalpura.
- ✓ NIA converted all the roads to RCC Roads. Now to reduce the fugitive dust emissions, the road sidings are being covered by Paver Blocks.
- ✓ NIA through NECL, started Hazardous Waste Disposal in 1998 by constructing 1<sup>st</sup> Scientifically Designed Landfill in 1998 under the guidance of National Productivity Council, New Delhi. Now, the waste is also being sent for Co-processing in Cement Industries.
- ✓ NIA is also setting up Common Steam Distribution Facility for its member units.
- ✓ Nandesari is the first estate chosen to be converted to Smart Estate by UNIDO and Gujarat Cleaner Production Centre.
- ✓ Nandesari is the first estate to install Continuous Ambient Air Quality Monitoring Station in May 2015.

## INFRASTRUCTURE ACTIVITIES MANAGED BY NANDESARI INDUSTRIES ASSOCIATION

No.	Activities	Investment
1	Cement Concrete Road in the entire GIDC Estate	12 Crores
2	Storm Water Drains	10 Crores
3	Paver Block on Road Sidings to decrease fugitive dust emissions	10 Crores
4	12 MLD RO plant to supply water to the estate and nearby villages	12 Crores
5	Increasing the capacity of CETP to 20 MLD and installation of recycling unit (ProposeFad)	55 Crores
6	Extension of Landfill Site	6 Crores
7	Developing and maintaining Greenbelt in the Estate	0.4 Crores/ Annum
8	Installation of Air Quality Monitoring Stations in the Estate	0.6 Crores
9	Operation and Maintenance of the GIDC Water supply Scheme	13.6 Crores @ 31/ KL
10	Common Boiler to supply steam to Industries	Under Installation



Centre of Excellence



RCC Road



RCC Road



Strom Water Line



Strom Water Line



**Deepak Occupational Health Centre**



**Skill Upgradation Centre**



**Police Station**



**Petrol Pump**



**Fire Station**



Green Belt



Green Belt



Green Belt



Bank



Post Office



**Railway Station**



**R.O. System**



**Water Tank**



**GEB Sub Station**



**Parking Zone**



**Solid Hazardus Waste Site**



**Nandesari Notified Area Authority Building**



**Continuous Ambient Air Monitoring System**



Tree Plantation at Nandesari Industries Association-Common Effluent Treatment Plant



# Nandesari Industries Association



Shri Narendra Modi, Hon'ble Prime Minister Of India with Shri B. C. Patel, Chairman, Nandesari Industries Association

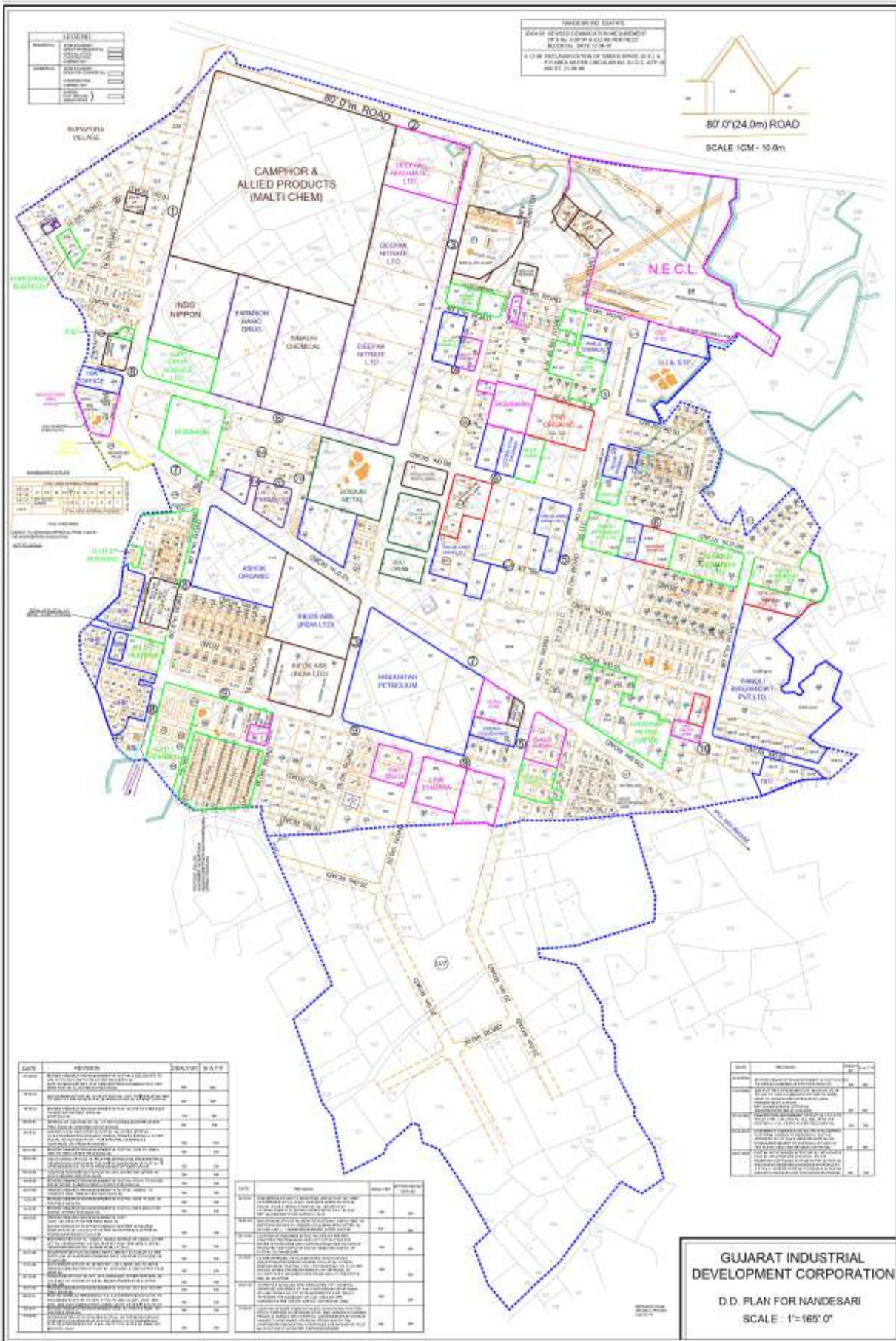


Tree Plantation at Nandesari Industries Association-Common Effluent Treatment Plant

# Common Effluent Treatment Plant

Nandesari Industries Association has its own common effluent Treatment Plant with 12 MLD Consented Capacity.





# Nandesari GIDC Estate Map

## Witness to Progress of Nandesari Estate: **Babubhai Patel**



Babubhai Patel, who has been associated with Nandesari Estate since inception, held various responsible positions including the President. In order to appreciate his lifetime contribution, he is nominated as a lifetime chairman of NIA, CETP & NECL. At present 81 year old, his work style like ethics and enthusiasm is still same as a youngster.

**Name**

: **BABUBHAI C. PATEL**

**Residential Address**

: A-202, Taksh Iris, Vasna Road,  
Adjacent To Taksh Bungalows,  
Baroda-390 007 (Gujarat) India

**Date of Birth**

: 7<sup>th</sup> September 1939.

**Office Address**

: Cenbarra Chemicals, Plot No: C-1, 91/7 GIDC Estate,  
Nandesari- 391 340, Dist: Baroda (Gujarat)

**Position**

: Partner.

**Edu. Qualifications**

: M.sc. in Organic Chemistry From Bombay  
University in the Year 1962.

1962-1964

: Lecturer In Ramrarain Ruia Collage-Bombay.

1964-1969

: Partner In Ruhr Chemicals, Dombivali, Bombay.

1969-1975

: Consultant to Install Plants of Bulk Drugs, Dyes & Chemicals.  
Consultancy for Turn Key Projects for Pharma - Bulk Drugs and  
Dyes Intermediates. For Number of Units in Mumbai, Begusari,  
(Bihar), Delhi, Haryana, Gujarat. Also Given Turn Key Projects to  
West Indies, Trinidad.

1975 Till Date

: Partner, CANBERRA CHEMICALS, Nandesari.

1976 Till Date

: Member of Nandesari Industries Association.

**Position Held In  
Association**

: 1987 To Till Date Chairman of Pollution Advisory  
Committee, Nandesari & CETP Nandesari.

1991 To 1994 was a President of Nandesari  
Industries Association & Chairman of  
Pollution Control Advisory Committee and  
Chairman of CETP.

1994 To 1999 : President Of Nandesari Ind. Primary Treatment Co. Op. Soc. Ltd., & Member of Federation of Industrial Association.

1994 -2000- President of Nandesari Ind. Association.

1996 Till Date- Chairman of Nandesari Environment Control Ltd. A Solid Waste Project, First of It' s Kind in India with all Facilities of Leachate Collection.

President- Federation of Industries Association of all G.I.D.C. - 2009 to 2011.

Trustee & Chairman - Vadodara Traffic Education Trust.

Life Member of Chemical Technologists  
"Panch Tantra" Subhanpura, Vadodara

Member, The Institution of Engineers (India)  
Vadodara Local Center, Vadodara.

Presentation of Paper Cum Lectures on Environmental Issues.

1 Paper Cum Lecture Given on Environmental Issue on the Occasion of 18th Annual Conference of India Council of Chemist on 28th Dec. 1999 at North Maharashtra University, Jalgaon.

A Visited Japan in the Year 1997 for Environ-Mental Studies Along with G.P.C.B. and Forest & Environmental Personnel on Invitation by International Center for Environment Technology Transfer

B Visited China in the Year 1999 for Turnkey Project of Pharma Bulk Drug.

C NIA has Elected & Nominated as Life time Chairman of NIA, CETP & NECL

D As on today Running R & D Center for Waste to Wealth and also Waste Management of Spent Acid, Reuse of Waste and Recycle of Treated Effluent To Get 12 MLD Recovered Water Having Good Quality to be Reused, By Industries Member