

# **GIFT City Technical Visit**

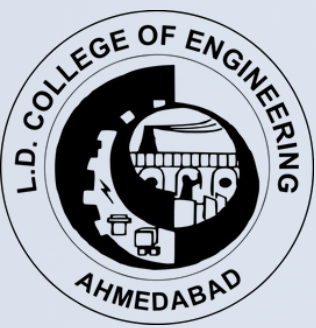
B.E. Civil Batch 2019

Date: 03/09/2022



**GIFT-Gujarat International Finance Tech-City**





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## **GIFT-Gujarat International Finance Tech-City**

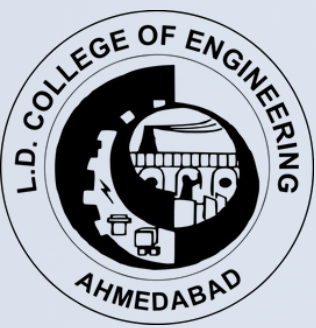


GIFT City is an under construction central business district in Ahmedabad, Gujarat. It is India's first operational greenfield smart city and international financial service center, which the Government of Gujarat promoted as a greenfield project.

The city is located at banks of the Sabarmati river and is around 12km from Sardar Vallabhbhai Patel International Airport.

The city is designed so residents can walk to work, and includes commercial, financial and residential complexes and aesthetically pleasing infrastructures.





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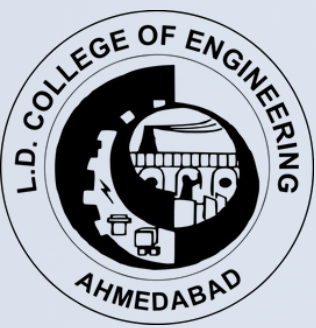
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The most 2 attracting and optimized amenities were visited by the students of LDCE Civil discipline are as following.

**(1) Automated Solid Waste Collection And Treatment System:** It is an Automated solid waste management system, which collects the solid waste by means of suction pressure through underground pipes provided in all over the city at suction pressure equivalent to speed 90 km/hr.

The Waste is classified in a German based machine into recyclable and non-recyclable waste. Non-Recycled waste is disposed off by Plasma pyrolysis method.





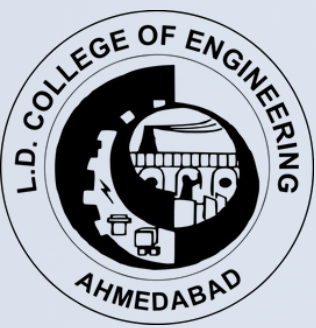
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**(2) Waste water treatment plant:** The GIFT City is also known as zero-discharge city around the globe. The waste water is collected at treatment plant by means of gravity pipes provided underground. The recycled water is utilized for agriculture and other purposed.

**(3) The District Cooling System:** This underground tunnel is provided on periphery of the city, for purpose of placing the all sort of supply lines. I.E. Powerlines, wastewater pipes, solid waste pipes, water distribution system. The present length of the tunnel is 4.3kms and will be constructed further as the city will grow. The tunnel is 7m\*7m cross section consisting of two 1m\*1m cross section within. It is divided in two zones, dry and wet zone respectively, The zones are provided for separating the power system and Other systems. This tunnel provides no digging work in case of any fault at any trench or junction, Also the CO monitors and CO removal system is provided as well for safety of workers.





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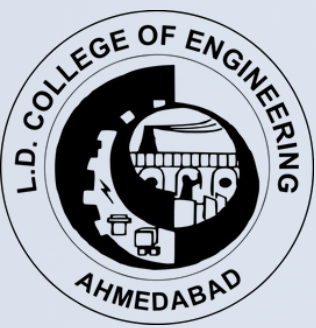
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The city is connected through 4-6 lane State and National Highways. A double corridor metro system is being constructed to connect GIFT City to the nearby airport and various parts of Ahmedabad.

The total area for the development of GIFT is 886 acres out of which the SEZ (Special Economic Zone) constitutes 261 acres. The project area under development can hence be classified under the SEZ area and the Non-SEZ area (also known as the Domestic Tariff area or the DTA).

GIFT City has dedicated Multi Services Special Economic Zone (SEZ) for international operations of various services sectors players. Also within, GIFT Multi Services SEZ, GIFT houses India's first International Financial Services Center (IFSC) approved by the Government of India.

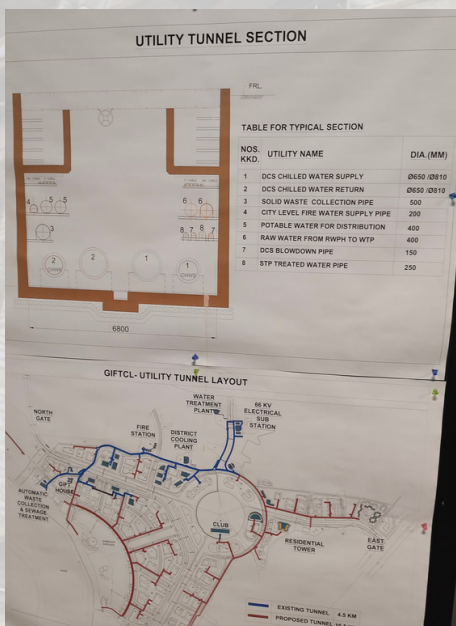




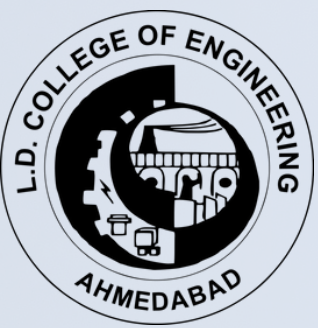
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## PHOTO GALLERY

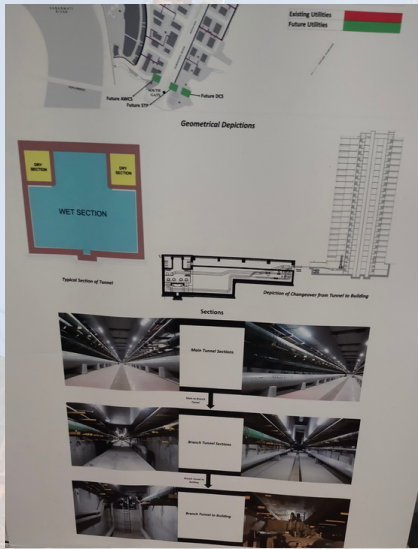






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# References

[https://en.wikipedia.org/wiki/GIFT\\_City](https://en.wikipedia.org/wiki/GIFT_City)

<https://www.canva.com/design>