

GE 502

## 2.4: Concept of Satellite Town

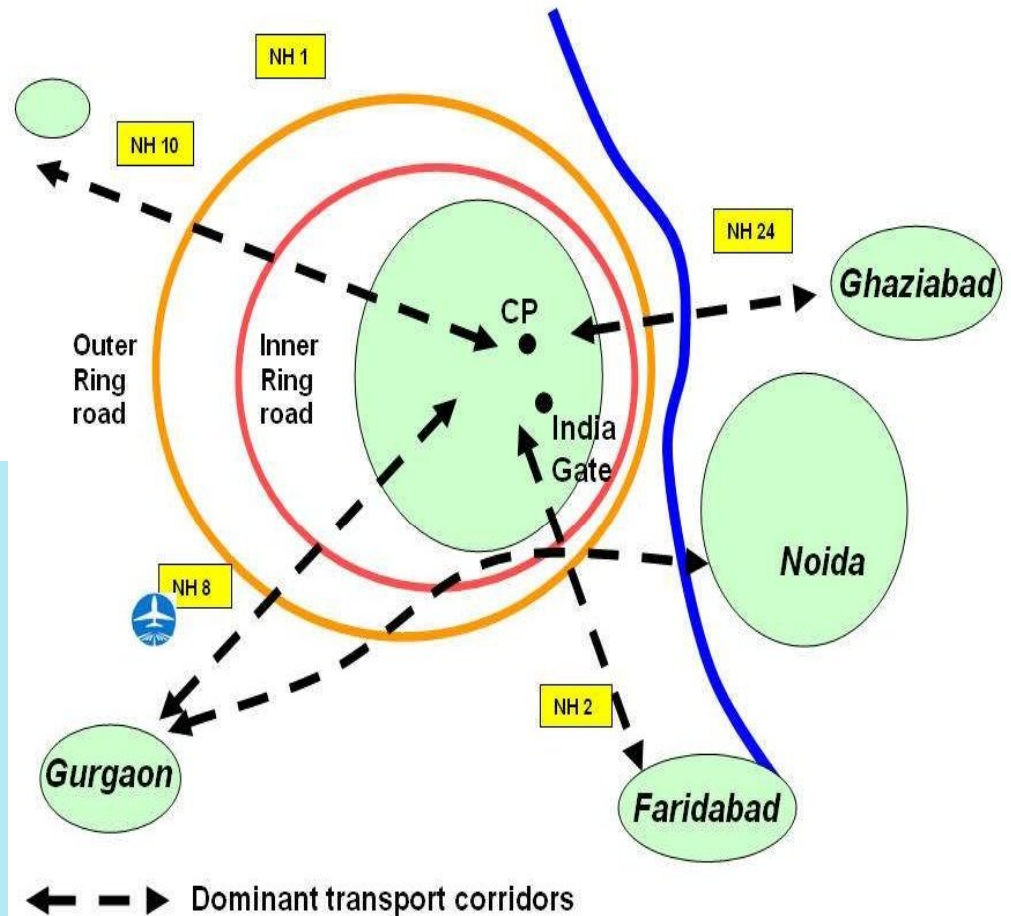


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# Concept of Satellite Town

A satellite town or satellite city is a concept in urban planning that refers essentially to smaller metropolitan areas which are located somewhat near to, but are mostly independent of, larger metropolitan areas.

- The satellite is the small metropolitan area is located near to the large metropolitan area.
- The satellite town has the traditional downtown that surrounded by the neighborhoods of inner city.
- The **satellite city** manages the urban sprawl. The satellite town provides best solution to the urbanization problems.



- The satellite town is designed to help the city extend in the effective way. It is the medium sized cities close to the metropolitan cities.
- It is planned city that loaded with the huge range of the amenities such as school, hospital, shopping center and others.
- The satellite town is separated from the metropolis by the geographic barrier, territory and others such as river.
- The main purpose of the satellite city is to offer the balance between the resources and population.

- ❖ There are many large metropolitan cities all over the world. Cities like Delhi, New York, London, Sydney, Los Angeles, Mumbai, Shanghai, Beijing, and Rio de Janeiro have large populations.
- ❖ There are hundreds of cities all over the world today that have populations of more than a million people. Some cities have populations over 20 million people.
- ❖ These are extremely large metropolitan areas in various different parts of the world.
- ❖ Satellite Cities are metropolitan cities that are smaller cities that are near large cities but are not part of the large city near them and have a separate local government and are characterized as separate cities.
- ❖ The satellite city is not part of the greater metropolitan area of the large city that it is situated close to but the larger city near the satellite city definitely has an influence on its satellite city.

## Development of satellite town

- The satellite town is developed with the eco-friendly development. It is self-containing and independent cities.
- The main aim of satellite town is to develop the affordable housing for the huge section of the society. The satellite town should be able to **accommodate** the smart generation to assure the systematic development.
- The government agencies are designed the satellite town by considering various factors such as security, rounded plan, heavy capital and others.
- The security is one of the important factors to consider when planning the satellite city. The safety of the people is primary concern for the planner. In the smart city planning process, the security issues should be carefully ingrained that allow them to build the quality residential project to the people.

The planner should also consider the demographic factors such as education centers, population, socio-economic conditions, and others.

When planning the satellite town, the planner should determine the heavy capital. Building the smart city needs the huge capital. Apart from the sourcing the funds, facilities, upcoming satellite city acceptability and others depends on the capital. These factors help the government agencies to build the satellite town in the country.

## Characteristics of a Satellite City

- The basic characteristic of a satellite city is that it is a smaller city near a large metropolitan city which has its own local government and economy which is independent of the neighboring large city.
- There are a lot of influences from the large city nearby on the satellite city. Satellite cities have their own culture, own history, and their own independent economic infrastructure.
- The satellite cities are interconnected with the larger cities but are completely independent of the large city nearby.
- Sometimes the large city nearby is called the parent city and these satellite cities are locally known within the state but are not as famous all over the world as much as the larger parent city nearby.
- Satellite cities are not an extension of the large city nearby. Geographically there is a clear distinction between a large parent city and a satellite city. This means that there is some area or a few kilometers between the two cities.
- There is generally a small rural area between the large parent city and the satellite city which completely separates the two cities.

- ❖ Satellite cities are not as developed as the larger cities nearby. The population of satellite cities is much smaller than that of the larger cities nearby.
- ❖ Many amenities and infrastructural facilities that are available in large cities nearby are not as prominent in the satellite cities.
- ❖ Residents of satellite cities are known to travel regularly to the large city nearby for work, recreational and other reasons.
- ❖ Labor force living in the satellite city travels daily to the large city for work purposes and satellite cities provide manpower to major cities.
- ❖ As the property rates and cost of living are often lower in satellite cities as compared to the parent city, many people find it affordable to live in the small satellite city and work in the larger greater metropolitan area of the large city nearby.

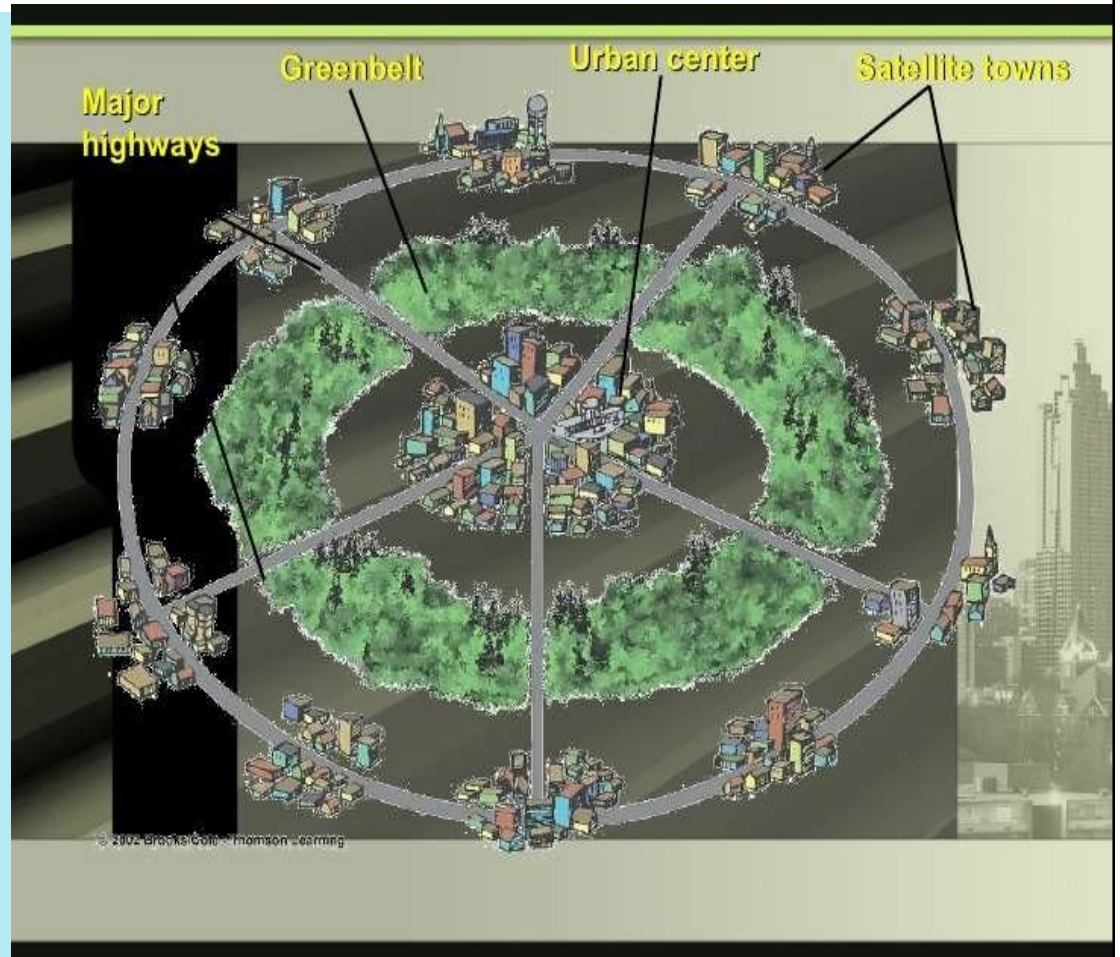
- The development and size of a satellite city are restricted and limited and it never matches or exceeds the size of the large city nearby.
- Satellite cities have historically evolved on their own and are not just an extension created for a large city to meet the need of a growing population.
- Many times, products and brands are marketed to these cities along with the large cities nearby. This means that phone companies and other goods and services companies often include these satellite cities in the zone or jurisdiction of the large metropolitan area nearby.
- Often there are good transport services between the satellite city and the large parent city nearby.
- Trains, buses, and road transport is swift, efficient and on time in between these two types of cities as commuters from satellite cities often travel daily to the large city nearby for work, for education and other economic, recreational and social activities.



- Satellite townships have their own local government and corporate life.
- They have all the necessary amenities and facilities present within their limits except for a few purposes like employment and sometimes education, they have to depend on the main city i.e. the parent city.
- Transportation means such as buses, trains etc all connect the various satellite townships to the main city so that travelling to the main city for work is not an issue. It is free to decide its economic, social and cultural activities.
- Satellite townships generally develop beyond the green belt of the city.

- setting up of industries is prohibited in Satellite townships. It is mainly a residential area having only local shops, schools for children, etc.
- Zoning regulations are not an issue in the development of satellite townships.

- These townships never become a rival to their parent city because their size and development is restricted and controlled.
- satellite townships are considered as a part of the market for some goods and services that are produced in the parent city.



## Examples of Major Satellite Cities in the World

- In Australia, Gold Coast in Queensland is a satellite city of Brisbane, Wollongong and Gosford is a satellite city of Sydney.
- Satellite cities are a major factor in urban regions of the United States and Canada. Some major satellite cities in the U.S include Bel Air, Bridgeport, Fort Collins, Fort Lauderdale, New Haven, Rockford, Riverside, San Bernardino, Santa Cruz, Tacoma, Worcester and Brentwood among others. In Canada, some satellite cities include Hamilton, Kitchener, and Sorel-Tracy among others.
- In India, there are many satellite towns near major cities like Thane, Panvel, Salt Lake City, Ghaziabad, Navi Mumbai, and Hitec City among others.
- Satellite cities are there all over the world in Asia, Europe, South America and Africa wherever there are major cities and urban areas.
- Satellite City is a good choice to live in near a major city as it is a smaller and more affordable version of the major city nearby.

**THANK YOU**

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