



Jodhpur, Udaipur, Kota & Ajmer cities will be 3D cities

Why in News?

On 20 May 2023, Rajasthan Chief Minister Ashok Gehlot has approved a financial proposal of Rs 106.46 crore for the implementation of GIS-based 3D City and Rajdhara Satellite Imagery Repository projects in 4 cities of the state, Jodhpur, Udaipur, Kota and Ajmer.

Key Points:

- Geographic Information System (GIS) based 3D city models of Jodhpur, Udaipur, Kota & Ajmer cities will be developed by the state government for better planning and management of urban development.
- With this, land use is proposed in the master plan of the cities, new roads, flyovers, construction & expansion of new colonies, drainage plan including various works on the ground, large-scale infrastructure development, transport planning, land planning, town planning etc. will be easier to make effective assessment, simulation and planning.
- A virtual tour of the city can also be done through Augmented Reality/Virtual Reality (AR/VR) of the developed 3D model.
- Apart from this, a repository of satellite imagery of different time periods of Rajasthan will also be established on the Rajdhara platform. This will facilitate the analysis of land use, land cover, changes in reservoirs/water sources & forest areas, crop yield estimation, growth & spread of cities, etc. as per the requirements of various departments.

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