

Govt to use street furniture to augment 5G connectivity

To Carry Out Infra Mapping To Implement Plan In Key Cities

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Lucknow: The state government will carry out complete mapping of street furniture in key cities to identify assets and buildings which can be used to provide high-speed internet connectivity.


Officials said that better internet and telecommunication facilities in urban areas will boost the state's economy.

The exhaustive exercise will help authorities in generating estimates of the value of assets put up on streets and in formulating the state-wide multimodal connectivity master plan as mandated by the department of telecommunications under the PM Gati Shakti scheme.

A meeting was convened at Lok Bhawan on Monday where officials from industries, housing and urban development departments

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- Complete mapping of street furniture in 100 key cities/towns
- Dimensions & geo coordinates of streetlights, electricity poles, bus stations and terminals, metro pillars and billboards to be compiled
- 5G internet services will be augmented and small cellular base stations and batteries would be installed on street furniture
- Data will be compiled by 29 housing development authorities and 71 urban local bodies



discussed steps to prepare the action plan.

A senior officer said that it was decided in the meeting that list of bus terminals, bus shelters, government buildings, electric poles, traffic light poles, streetlights and billboards, along with geographical coordinates and dimensions, will be compiled by 29 housing development authorities and 71 urban local bodies.

There are about 80,000 mobile towers in the state, and through street furniture, internet connectivity and wifi services would be offered in peri-urban and rural areas.

Officials said that 5G internet services would be augmented in the state and small cellular base stations and batteries would be installed on street furniture. "The weight of small cellu-

lar base is about 7-8kg while battery weighs 5 kg. As these devices do not require a lot of surface area for installation, they can be put up on poles and would significantly widen coverage," the officer added.

The government's plan to link all village secretariats with high-speed internet is progressing as per the schedule.

Nearly 37.5% base transceiver stations (BTS) in urban and rural areas have been fiberized which means that 1.27 lakh out of 3.4 lakh BTS are connected via optical fibre which would help in enabling 5G services in covered locations.

Department of telecommunications has asked the UP government to expedite the disposal of 'right of way' applications so that optical fibre could be laid down in uncovered locations.