

# First Aspirational District Deploying 5G Technology

## Why in News?

Recently, Vidisha, an <u>aspirational district</u> of Madhya Pradesh became the first-ever district in **India for on-ground deployment of innovative** <u>5G</u> use cases offered by startups.

#### What are the Highlights of the Initiative?

- It is a joint initiative by Vidisha District Administration and Centre for Development of Telematics (C-DOT), <u>Department of Telecommunications (DoT)</u> under the guidance of Additional Secretary (Telecom) & Administrator <u>Universal Service Obligation Fund (USOF)</u>.
- The 5G will be deployed at community & district health centers, Model Schools, Agri & Dairy Farmers, and skill development centers for a period of 1 year and may be extended subsequently as per the need.
- These digital **solutions will also be powered by** <u>BharatNet</u> **broadband** to provide uninterrupted services to user communities of Vidisha.

#### What is the Aspirational District Programme?

- It was launched in 2018 which aims to transform districts that have shown relatively lesser progress in key social areas.
- Aspirational Districts are those districts in India, that are affected by poor socio-economic indicators.
- It covers 112 districts across the country.
- At the Government of India level, **programme is anchored by NITI** Aayog. In addition, individual Ministries have assumed responsibility to drive the progress of districts.

## What is 5G Technology?

- 5G is the 5th generation mobile network. It is a **new global wireless standard** after **1G, 2G, 3G,** and **4G** networks.
- 5G works in 3 bands (Low, Mid and High frequency spectrum) all of which have their own uses as well as limitations.
- It enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices.

**Source: PIB** 

