



13 February 2025

Telangana State Regional News

<p>T-Fiber project</p>	<p>Why in news?</p> <ul style="list-style-type: none"> Under the Telangana government's T-Fiber project, approximately 9.3 million households across the state will receive seamless internet connectivity. <p>Key Points:</p> <ul style="list-style-type: none"> The Telangana government's "T-Fiber" project aims to deliver affordable, high-speed broadband internet access to every household and institution in the state. The initiative will lay an extensive fiber optic network across Telangana, enabling digital services such as e-governance, e-health, and e-commerce in both rural and urban areas. The project leverages existing infrastructure, including the Mission Bhagiratha water pipeline network, to efficiently deploy fiber optic cables throughout the state. This project is a step towards realizing the vision of a "Digital Telangana."
<p>Telangana Caste Survey</p>	<p>Why in news?</p> <ul style="list-style-type: none"> K.T. Rama Rao, the working president of Bharat Rashtra Samithi (BRS), has expressed his approval of the Telangana government's decision to re-conduct the caste census, noting that the recent survey was fraught with errors. <p>Key Points:</p> <ul style="list-style-type: none"> Survey Overview <ul style="list-style-type: none"> The Telangana government conducted a comprehensive Socio Economic, Educational, Employment, Political, and Caste survey. It covered 3,54,77,554 individuals and 96.9% of households. The process involved 94,863 enumerators and 9,628 supervisors across 94,261 enumeration blocks. Data entry was performed by 76,000 operators within 36 days. Population Breakdown <ul style="list-style-type: none"> According to the survey, Backward Classes constitute 56.33% of the population. Scheduled Castes (SC) account for 17.43% while Scheduled Tribes (ST) make up 10.45%. Other Castes (OC) account for 15.79%.



<p>Amrabad Tiger Reserve (ATR)</p>	<p>Why in news?</p> <ul style="list-style-type: none"> The Telangana Forest Development Corporation (TGFDC) has organised a 'Nature Guide Training Programme' at Amrabad Tiger Reserve between February 9 and 12 under its eco-tourism brand 'Deccan Woods and Trails'. <p>Key Points:</p> <ul style="list-style-type: none"> It is located in the Nagarkurnool and Nalgonda districts in the southern part of Telangana. ATR covers a part of the Nallamala Forest, which is part of the Eastern Ghats chain. Spread over 2611.4 square kilometers, it is one of the largest tiger reserves in India. It is the second-largest Tiger Reserve in terms of core area. The Chenchu tribe is one of the major tribal communities that live in the ATR.
<p>Hyderabad Bird Atlas</p>	<p>Why in news?</p> <ul style="list-style-type: none"> The development of the Hyderabad Bird Atlas is currently underway, with birdwatchers and volunteers working together to survey various parts of the city in order to map the avian fauna. A total of 180 survey regions were identified for the study in the city. Currently, 51 of these 180 regions have been surveyed, and 170 bird species have been recorded. <p>Key Points:</p> <ul style="list-style-type: none"> The purpose of creating the Atlas is to gain insights into bird distribution in the city, monitor population changes, identify key bird areas, and provide information for land use planning. The three-year project commenced on February 3 and will run until February 23, with surveys being conducted in both winter (February) and summer (July) to observe migratory and resident birds. In preparation for the project, volunteers were trained in basic bird identification techniques. <ul style="list-style-type: none"> A mock survey was carried out earlier this month at the Nehru Zoological Park in the city to provide volunteers with practical experience. Pune, Mysore and Coimbatore are some of the cities in India that have developed bird atlases.
<p>Avian influenza</p>	<p>Why in news?</p> <ul style="list-style-type: none"> The Telangana Government has issued a 'high alert' due to the outbreak of Highly Pathogenic Avian Influenza (HPAI), or Bird Flu, in neighboring Andhra



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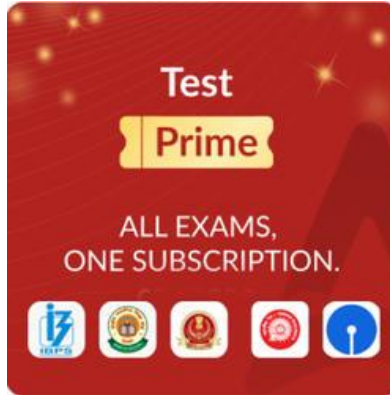


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Key Points:

- Avian influenza, or bird flu, is a **highly contagious viral infection that primarily affects birds.**
- The H5N1 avian influenza virus was **first detected in 1996 in China ('H' and 'N' stand for hemagglutinin & neuraminidase, the proteins on the virus's surface that regulate entry and exit in host cells).**
- These viruses (Type A) occur naturally among wild aquatic birds worldwide and can infect domestic poultry and other bird and animal species.
- **Migrating waterfowl**, most notably wild ducks, are the natural carriers of bird flu viruses.
- **Strains of avian influenza viruses can generally be classified into two categories:**
 - **Low pathogenicity avian influenza (LPAI)** that typically causes little or no clinical signs;
 - **High pathogenicity avian influenza (HPAI)** can cause severe clinical signs and possible high mortality rates.
- Human cases of H5N1 avian influenza occur occasionally, but it is difficult to transmit the infection from person to person.





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