



07 Aug 2024

## Telangana State Regional News

<p><b>BC commission of Telangana</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>The TG High Court has given the state government until August 27th to establish a full-fledged <b>Backward Classes (BC) commission</b>.</li> <li>The court has also directed the government to conduct a survey to assess the level of backwardness among different BC communities in the state.</li> </ul> <p><b>Key points:</b></p> <ul style="list-style-type: none"> <li>The first state to constitute a BC Commission was <b>Maharashtra in 1953, followed by Andhra Pradesh in 1970</b>.</li> <li>Other states that have formed BC Commissions include <b>Karnataka, Tamil Nadu, Uttar Pradesh, Madhya Pradesh, Rajasthan, Gujarat, Chhattisgarh, Jharkhand, Uttarakhand, Haryana, and Bihar</b>.</li> <li>The state BC Commissions are empowered to <b>investigate and monitor the implementation of reservation policies and welfare schemes</b> for backward classes in their respective states.</li> <li>They also hear grievances and complaints related to the implementation of reservation policies and forward their recommendations to the state government</li> </ul> <p><b>High Court:</b></p> <ul style="list-style-type: none"> <li>High Courts are the apex judicial bodies within a state or union territory in India, forming the <b>second tier of the Indian judiciary after the Supreme Court</b>.</li> <li>They are established under <b>Part VI (Articles 214 to 231) of the Indian Constitution</b>.</li> </ul>
<p><b>Initial observations key to better weather forecasts: MoES Secretary</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li><b>M. Ravichandran</b>, Secretary of the <b>Ministry of Earth Sciences (MoES)</b>, has emphasized the critical role of <b>initial observations in improving the accuracy of weather forecasts</b>.</li> </ul> <p><b>Key points:</b></p> <ul style="list-style-type: none"> <li>Accurate weather prediction depends heavily on</li> </ul>



Daily Current Affairs Encyclopedia

	<p>the <b>quality and quantity of data collected at the outset.</b></p> <ul style="list-style-type: none"> <li>• These initial observations serve as the <b>foundation for complex weather models.</b></li> <li>• By enhancing the observational network and employing advanced data assimilation techniques, meteorologists can significantly improve their ability to forecast weather patterns, thereby <b>aiding disaster management, agriculture, and various other sectors reliant on accurate weather information.</b></li> </ul> <p><b>Ministry of Earth Sciences:</b></p> <ul style="list-style-type: none"> <li>• <b>MoES is responsible for research, development, and survey activities related to the earth system.</b></li> </ul> <p><b>Key functions of MoES include:</b></p> <ul style="list-style-type: none"> <li>• <b>Meteorology:</b> Weather forecasting, cyclone warning, and climate studies.</li> <li>• <b>Oceanography:</b> Exploration of marine resources, coastal zone management, and tsunami warning.</li> <li>• <b>Seismology:</b> Earthquake monitoring and hazard assessment.</li> <li>• <b>Geophysics:</b> Exploration of mineral and hydrocarbon resources.</li> </ul>
<p><b>Swachh Bio to invest Rs 1,000 crore in Telangana</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>• Swachh Bio, a <b>US-based biofuels manufacturing company</b>, has pledged to invest over Rs 1,000 crore in Telangana.</li> <li>• This investment will be utilized to establish a 250 KLPD second-generation, <b>cellulosic biofuels plant.</b></li> <li>• By setting up a <b>bioethanol plant</b>, Swachh Bio will contribute to reducing carbon emissions and promoting renewable energy sources.</li> </ul> <p><b>Bioethanol plant:</b></p> <ul style="list-style-type: none"> <li>• A bioethanol plant is a facility that produces ethanol, a renewable fuel, from biomass sources.</li> <li>• These sources can include sugar crops (<b>sugarcane, sugar beet</b>), <b>starch crops (corn, wheat, rice)</b>, and <b>lignocellulosic materials</b> (wood, agricultural residues).</li> <li>• The process typically involves:</li> <li>• <b>Conversion:</b> Breaking down the biomass into sugars.</li> <li>• <b>Fermentation:</b> Converting sugars into ethanol using microorganisms.</li> </ul>



## Daily Current Affairs Encyclopedia

	<ul style="list-style-type: none"> <li>• Distillation: Separating ethanol from the fermented mixture.</li> <li>• Dehydration: Removing water to produce pure ethanol.</li> </ul>
<p><b>TG gets best state award for highest organ donations</b></p>	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>• Telangana has been awarded the <b>Best State/SOTTO award</b> for achieving the <b>highest deceased organ donation and transplantation rate in the country</b>.</li> <li>• The state currently boasts an <b>organ donation rate of 5.48%</b> per million population, significantly <b>surpassing the national average of 0.8%</b>.</li> <li>• This achievement was recognized on <b>National Organ Donation Day by the National Organ &amp; Tissue Transplant Organisation (NOTTO)</b>.</li> <li>• <b>Telangana's Jeevandan program</b> has been instrumental in promoting organ donation and facilitating transplants, contributing to this remarkable success.</li> </ul> <p><b>Jeevandan program:</b></p> <ul style="list-style-type: none"> <li>• Jeevandan is a <b>state-run initiative in Telangana</b> aimed at promoting organ donation.</li> <li>• It focuses on <b>cadaveric organ transplantation</b>, meaning organs are retrieved from <b>brain-dead individuals</b>.</li> </ul> <p><b>Key objectives of Jeevandan:</b></p> <ul style="list-style-type: none"> <li>• Increasing organ donation rates: By creating awareness and simplifying the donation process.</li> <li>• Establishing a robust organ transplantation network: Including training transplant coordinators and setting up necessary infrastructure.</li> <li>• Providing support to donor families: Offering emotional and logistical assistance</li> </ul>



తెలుగు

ADDAPEDIA

Daily Current Affairs Encyclopedia

To get free Live Classes,  
Materials Scan this QR Code &  
Download our Adda247 App



A

**TSPSC 2023  
GROUP-2 & 3**

General Studies  
89 + Total Tests

Test Series

**Copyright © by Adda247**

*All rights are reserved. No part of this document may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior permission of Adda247.*