




21 August 2024

Kerala Regional News

<p><b>Person in news: Justice Anil Kumar</b></p> 	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"> <li>Recently, former High Court judge, Justice N Anil Kumar has been appointed as the <b>sixth LokAyukta of Kerala.</b></li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>The <b>Lokayukta</b> is the <b>Indian Parliamentary Ombudsman</b>, executed into power, through and for, each of the State Governments of India.</li> <li>It is an <b>anti-corruption authority.</b></li> <li>The object of the Lokayukta system in a state is to <b>investigate grievances, allegations against public servants.</b></li> </ul>
<p><b>Methanol as fuel</b></p>	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"> <li>The Rajiv Gandhi Combined Cycle Power Project (RGCCPP), Kayamkulam, a unit of the National Thermal Power Corporation (NTPC) has signed an agreement with the Bharath Heavy Electrical Limited (BHEL) to generate electricity from methanol.</li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>It appears as a <b>colorless fairly volatile liquid</b> with a <b>faintly sweet pungent</b> odor like that of ethyl alcohol.</li> <li>It is also known as <b>wood alcohol.</b> It can <b>completely mix with water.</b></li> <li><b>Production:</b> Preparing methanol is based on the direct combination of carbon monoxide gas and hydrogen in the presence of a catalyst.</li> <li>Increasingly, syngas, <b>a mixture of hydrogen and carbon monoxide derived from biomass,</b> is used for methanol production.</li> </ul>
<p><b>Lakshadweep islands</b></p>	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"> <li><b>Marine scientists from Kerala University of Fisheries and Ocean Studies found extensive coral bleaching in the Lakshadweep islands.</b></li> <li><b>Impact:</b> The death of corals could lead to the collapse of the marine ecosystem in the region.</li> <li><b>Significance:</b> The survival of the Lakshadweep archipelago is at risk due to the potential collapse of the marine ecosystem.</li> </ul>



Daily Current Affairs Encyclopedia



**Coral reef bleaching:**

- Coral reef bleaching is a phenomenon where **corals lose their vibrant colors and turn white.**
- This occurs when the **symbiotic relationship between corals and the algae (zooxanthellae)** living within their tissues is **disrupted, often due to environmental stress.**

**Causes of Coral Bleaching:**

- **Rising Sea Temperatures:** The primary cause of coral bleaching is the increase in sea surface temperatures, often linked to global warming. Even a temperature rise of **1-2°C above the normal summer maximum can trigger bleaching.**
- **Ocean Acidification: Increased levels of carbon dioxide (CO2)** in the atmosphere lead to more CO2 being absorbed by the ocean, causing ocean acidification. This reduces the availability of calcium carbonate, essential for coral growth and stability.
- **Pollution:** Runoff from agriculture, sewage, and industrial waste introduces harmful substances into the ocean, which can stress coral ecosystems and contribute to bleaching.
- **Overexposure to Sunlight: Excessive sunlight, especially during periods of elevated temperatures,** can increase the risk of bleaching by causing thermal stress.
- **Salinity Changes:** Sudden changes in **water salinity, often due to freshwater runoff from heavy rains or flooding,** can also contribute to coral bleaching.

**Lakshadweep Islands:**

- Lakshadweep is a **tropical archipelago comprising 36 atolls and coral reefs** situated in the Laccadive Sea, positioned 280 km to 480 km off the Kerala coast.
- The island is situated in the **Laccadive Sea extending between 8 degree N and 12 degree N latitude.**
- The entire Lakshadweep islands group is made up of **coral deposits.**

**Summits & Conferences:  
Global Ayurveda Summit**

**Why in the news?**

- The sixth edition of Global Ayurveda Summit and 11th Kerala Health Tourism edition will be held on August 29 and 30.

**Key Points:**

- The **key themes** of the summit included **branding, start-ups, and availing advances in artificial intelligence** for enhancing the efficacy of Ayurveda.
- The summit will provide opportunities for the exchange of ideas and networking at the national and global levels.

**Important events: Caritoon**

**Why in the news?**



മലയാളം



## Daily Current Affairs Encyclopedia

festival

- 'Caritooon' festival to be held in Kochi.

### Key Points:

- Caritooon is a national cartoon festival organized by Kerala Cartoon Academy in collaboration with the Kerala Lalithakala Akademi and the Chavara Cultural Centre.
- The festival aims to showcase the **creative works of cartoonists and illustrators, highlighting the role of cartoons in social commentary and humor.**
- It includes **exhibitions of cartoons, workshops for aspiring cartoonists, and interactive sessions with prominent artists.**

**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.*