



03 July 2024

Kerala Regional News

<p><b>Supercapacitors</b></p>	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"> <li>• <b>Researchers at the Government College for Women, Thiruvananthapuram, have developed a method to produce activated carbon from coconut husks, a significant agricultural residue in Kerala, suitable for use in supercapacitor fabrication.</b></li> </ul> <p><b>About Supercapacitors:</b></p> <ul style="list-style-type: none"> <li>• A supercapacitor, also known as an <b>ultracapacitor</b>, is a <b>next-generation energy storage device.</b></li> <li>• <b>Advantages:</b> <ul style="list-style-type: none"> <li>○ High-power density</li> <li>○ Long durability</li> <li>○ Ultrafast charging characteristics</li> </ul> </li> <li>• <b>Comparison: Superior to conventional capacitors and Lithium-Ion batteries (LIB)</b> in terms of power density, durability, and charging speed.</li> <li>• <b>Main Components:</b> <ul style="list-style-type: none"> <li>○ <b>Electrode:</b> A solid electric conductor that carries electric current into non-metallic solids, liquids, gases, plasmas, or vacuums.</li> <li>○ <b>Electrolyte:</b> A substance that produces an electrically conducting solution when dissolved in a polar solvent, such as water.</li> <li>○ <b>Separator:</b> A component that separates the electrodes to prevent short circuits.</li> <li>○ <b>Current Collector:</b> A component that collects and transfers the electrical charge to and from the electrodes.</li> </ul> </li> </ul>
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<p>O.V. Vijayan Literary Awards</p>	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"> <li>The <b>O.V. Vijayan Literary Awards</b> were presented at a function held in <b>Thasrak</b>.</li> </ul> <p><b>Key points:</b></p> <ul style="list-style-type: none"> <li>The event <b>celebrated O.V. Vijayan's 95th birthday</b>.</li> <li><b>Award recipients:</b> <ul style="list-style-type: none"> <li>K.P. Ramanunni: Short Story</li> <li>V. Shinilal: Novel</li> <li>Jinsha Ganga: Young Writer</li> <li>Harikrishnan Thachadan: Special Jury Mention</li> </ul> </li> </ul> <p><b>About O.V. Vijayan:</b></p> <ul style="list-style-type: none"> <li><b>Ottupulackal Velukkuty Vijayan</b>, commonly known as O. V. Vijayan, was an <b>influential figure in modern Malayalam literature</b>.</li> <li>He made <b>significant contributions as an author, cartoonist, and political observer</b>.</li> <li><b>Contributions</b> <ul style="list-style-type: none"> <li><b>Literature:</b> Considered a pioneer in modern Malayalam literature, especially known for his novel "<b>Khasakkinte Itihasam</b>" which introduced a new narrative style and existential themes.</li> <li><b>Cartooning:</b> Worked as a political cartoonist for various newspapers, including The Statesman and The Hindu.</li> <li><b>Philosophy and Themes:</b> Explored themes of <b>existentialism, spirituality, and social criticism</b> in his works.</li> </ul> </li> <li><b>Achievements and Awards:</b> <ul style="list-style-type: none"> <li><b>Kendra Sahitya Akademi Award:</b> 1979 for "Khasakkinte Itihasam"</li> <li><b>Kerala Sahitya Akademi Award:</b> 1970 for "Khasakkinte Itihasam"</li> <li><b>Ezhuthachan Puraskaram:</b> 2001, the highest literary honor in Kerala</li> <li><b>Vayalar Award:</b> 1985 for "Gurusagaram"</li> <li><b>Muttathu Varkey Award:</b> 2003</li> </ul> </li> </ul>
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## Daily Current Affairs Encyclopedia

### Places in News: Cuba



### Why in the news?

- Kerala Tourism is exploring collaboration opportunities with Cuba in the tourism sector.

### About Cuba:

- Cuba is located just south of the Tropic of Cancer.
- It is situated at the intersection of the Atlantic Ocean, the Gulf of Mexico and the Caribbean Sea.
- Haiti, the nearest neighboring country.
- Jamaica is to the south of Cuba.
- The United States is to the north, across the Straits of Florida.

### Lalur

### Why in the news?

- Lalur is set to become India's first fully digital ward.

### Key point:

- Lalur, previously known as the dumping yard of Thrissur city, is becoming a digitally documented division.
- Initiative: The project, under the 'Total Digital Documented Ward' initiative of the Thrissur Corporation, involves digitising residents' documents.
- Digital Training: Residents have been trained in digital skills.
- Document Upload: Important documents like Aadhaar card, birth certificate, and PAN are being uploaded to the Central government's DigiLocker application.
- Goal: All households in Lalur division will become digitally documented citizens once the project is complete.



# Daily Current Affairs Encyclopedia

<p><b>DigiLocker</b></p>	<p><b>Why in the news?</b></p> <ul style="list-style-type: none"> <li>● <b>Lalur</b> is set to become <b>India's first fully digital ward</b>.</li> <li>● Important <b>documents</b> like Aadhaar card, birth certificate, and PAN are being <b>uploaded to the Central government's DigiLocker application</b>.</li> </ul> <p><b>About DigiLocker:</b></p> <ul style="list-style-type: none"> <li>● DigiLocker is a <b>flagship initiative</b> under the <b>Digital India program</b> aimed at <b>transforming India into a digitally empowered society and knowledge economy</b>.</li> <li>● <b>Launch Date:</b> July 1, 2015.</li> <li>● <b>Objective:</b> To provide a <b>secure dedicated personal electronic space for storing the documents of Indian citizens</b>.</li> <li>● <b>Ministry:</b> Ministry of Electronics and Information Technology (MeitY)</li> <li>● <b>Functionality:</b> <ul style="list-style-type: none"> <li>○ <b>Document Storage:</b> Users can store personal documents such as PAN cards, driving licenses, educational certificates, and more.</li> <li>○ <b>Secure Access:</b> Provides a secure access mechanism for storing and accessing documents online.</li> <li>○ <b>E-Signing:</b> Facilitates e-signing of documents, making them legally valid.</li> <li>○ <b>Sharing:</b> Enables easy sharing of documents with government agencies or other entities.</li> </ul> </li> </ul>
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