



13 September 2024

Kerala Regional News

<p><b>Solar Energy</b></p>	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>The KSEB has signed an agreement with the PSU, Solar Energy Corporation of India, to procure 500 MW power.</li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>The sun radiates an enormous amount of energy in the form of <b>electromagnetic radiation</b>.</li> <li>Solar technologies utilize various methods to tap this abundant renewable energy source.</li> <li>There are two primary ways solar energy is harnessed - <ul style="list-style-type: none"> <li><b>Direct conversion into electricity using photovoltaics.</b></li> <li><b>Capturing heat from the sun's rays to generate electricity</b> indirectly.</li> </ul> </li> <li>Solar technologies <b>use clean energy from the sun</b> rather than polluted fossil fuels.</li> <li><b>There are two main types:</b> solar thermal, which uses solar energy to heat water, and solar photovoltaic (PV), which uses solar cells to transform sunlight into electricity.</li> </ul>
<p><b>Primary amoebic meningoencephalitis (PAM)</b></p>	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>Ten people infected with amoebic meningoencephalitis were cured in Thiruvananthapuram.</li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>Primary amoebic meningoencephalitis (PAM) is a disease caused usually by infection with <b>Naegleria fowleri</b>, a <b>microscopic amoeba commonly called a "brain-eating amoeba."</b></li> <li>This infection <b>destroys brain tissue, causing severe brain swelling and death</b> in most cases.</li> </ul>
<p><b>16th Finance Commission</b></p>	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>Kerala is hosting a state finance ministers' conclave to discuss fiscal relations.</li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>The Government of India, in adherence to <b>Article 280(1) of the Constitution</b>, has established the Sixteenth Finance Commission, appointing <b>Dr. Arvind Panagariya</b>, former Vice-Chairman of NITI Aayog and Professor at</li> </ul>



## Daily Current Affairs Encyclopedia

	<p>Columbia University, as its Chairman.</p> <ul style="list-style-type: none"> <li>• Specific terms of reference have been outlined, including the <b>distribution of tax proceeds between the Union and States, principles governing grants-in-aid to States, and measures to bolster State funds for local bodies like Panchayats and Municipalities.</b></li> </ul>
<p><b>Southwest monsoon</b></p>	<p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>• The rainy days in Kerala are expected to end soon as the Southwest monsoon is likely to start withdrawing from the country.</li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>• The South West Monsoon is a <b>major seasonal wind system that brings substantial rainfall</b> to the Indian subcontinent.</li> <li>• It typically begins in <b>June and lasts until September, driven by moisture-laden winds</b> from the Indian Ocean.</li> <li>• The monsoon is characterized by <b>heavy rains and is crucial for agriculture and water resources</b> in India.</li> </ul>

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