



15 Nov 2024

Telangana State Regional News

<p>Solar Energy</p>	<p>Why in news?</p> <ul style="list-style-type: none"> Telangana sets an ambitious goal of harnessing 4000 MW of solar power within four months. <p>Key Points:</p> <ul style="list-style-type: none"> Solar technologies use clean energy from the sun rather than polluted fossil fuels. There are two main types: solar thermal, which uses solar energy to heat water, and solar photovoltaic (PV), which uses solar cells to transform sunlight into electricity. Solar energy utilizes the sun's radiant light and heat to generate useful energy services like electricity, heating, cooling, lighting, or mechanical work. The sun radiates an enormous amount of energy in the form of electromagnetic radiation. Usage: Solar technologies are scalable and flexible - they can power an entire city through solar farms, provide electricity in remote areas via decentralized systems, and light up homes and commercial buildings by installing rooftop solar panels.
<p>Atal Mission for Rejuvenation and Urban Transformation (AMRUT) scheme</p>	<p>Why in news?</p> <ul style="list-style-type: none"> BRS working president KT Rama Rao accused a Rs 8,888 crore scam in the tendering process of the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) scheme in Telangana, urging Prime Minister Narendra Modi to take action against those responsible. <p>Key Points:</p> <ul style="list-style-type: none"> AMRUT was launched in 2015 to provide basic civic amenities like water supply, sewerage, urban transport, parks to improve the quality of life for all, especially the poor and the disadvantaged. The focus of the Mission is on infrastructure creation that has a direct link to provision of better services to the citizens. The objective of the mission is to: <ul style="list-style-type: none"> ensure that every household has access to a tap with assured supply of water and a sewerage connection increase the amenity value of cities by developing greenery and well-maintained open spaces e.g., parks and reduce pollution by switching to public transport or constructing facilities for non-motorized transport e.g., walking and cycling.
<p>Important Days: Guru Nanak Jayanti</p>	<p>Why in news?</p> <ul style="list-style-type: none"> Hyderabad is all set to host the annual celebration for Guru Nanak Jayanti.



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	<p>Key Points:</p> <ul style="list-style-type: none"> • It is celebrated on the 15th lunar day of the Hindu month of Kartik. • It is one of the most important days of Sikhism and marks the birth anniversary of the first of the ten Sikh gurus and the founder of Sikhism, Guru Nanak Dev Ji. • The day honors the teachings and wisdom of Guru Nanak Dev Ji and also promotes unity, equality, and selfless service, embodying the core principles of Sikh philosophy.
<p>Food Corporation of India</p>	<p>Why in news?</p> <ul style="list-style-type: none"> • Telangana suspends the delivery of fine rice to the Food Corporation of India, prioritizing its Public Distribution System. <p>Key Points:</p> <ul style="list-style-type: none"> • The FCI is a statutory body formed by the enactment of the Food Corporation Act, 1964 by the Parliament. • Objectives of FCI: <ul style="list-style-type: none"> ○ Effective price support operations for safeguarding the interests of the farmers, ○ Distribution of food grains throughout the country for Public Distribution System (PDS), ○ Maintaining satisfactory level of operational and buffer stocks of food grains to ensure National Food Security. • Nodal Ministry: Ministry of Consumer Affairs, Food and Public Distribution
<p>Indian National Centre for Ocean Information Systems (INCOIS)</p>	<p>Why in news?</p> <ul style="list-style-type: none"> • A new study conducted by scientists globally, including those from the Hyderabad-based Indian National Centre for Ocean Information Systems (INCOIS), has revealed that ocean currents can, under certain conditions, be deflected to the left of the winds in the Northern Hemisphere. <p>Key Points:</p> <ul style="list-style-type: none"> • It was established as an autonomous body in 1999 under the Ministry of Earth Sciences (MoES) and is a unit of the Earth System Science Organization (ESSO). • Mandate: To provide the best possible ocean information and advisory services to society, industry, government agencies, and the scientific community through sustained ocean observations and constant improvements through systematic and focussed research. • Activities: <ul style="list-style-type: none"> ○ Provides round-the-clock monitoring and warning services for the coastal population on tsunamis, storm surges, high waves, etc. through the in-house Indian Tsunami Early Warning Centre (ITEWC). ○ The Intergovernmental Oceanographic Commission (IOC)



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of UNESCO designated ITEWC as a Regional Tsunami Service Provider (RTSP) to provide tsunami warnings to countries on the Indian Ocean Rim.

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