



16 December 2024

### Telangana State Regional News

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| <p><b>Search and Rescue Aid Tool (SARAT)</b></p> | <p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>The Indian National Centre for Ocean Information Services (INCOIS), under the Ministry of Earth Sciences (MoES) has developed a newer version of its own <b>Search and Rescue Aid Tool (SARAT)</b> for 'better accuracy and utility' to aid the <b>Indian Search and Rescue (SAR) agencies such as the Indian Coast Guard in their operations at sea.</b></li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>It was <b>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).</b></li> <li><b>Mandate:</b> 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.</li> <li><b>Activities:</b> <ul style="list-style-type: none"> <li>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).</li> <li><b>SARAT application can simulate the probable search area of a range of objects lost at sea, including humans, when provided with the last known time and location of the lost object.</b></li> </ul> </li> </ul> |
| <p><b>Archaeological Survey of India</b></p>     | <p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>The <b>Team of Research on Culture and Heritage (TORCH)</b> has expressed concerns over the neglect of <b>Telangana's historical and cultural sites by the Archaeological Survey of India (ASI).</b></li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>The ASI is the premier organization for the archaeological research and protection of the cultural heritage of the country.</li> <li>The prime objection of ASI is to maintain the archaeological sites, ancient monuments, and remains of national importance.</li> <li><b>Headquarters:</b> New Delhi.</li> <li><b>Established:</b> 1861 by Alexander Cunningham.</li> <li>It regulates <b>all archaeological activities as per the provisions of the Ancient Monuments and Archaeological Sites and Remains Act, 1958.</b></li> <li>It functions under the aegis of the <b>Union Ministry of Culture.</b></li> <li>It also regulates the <b>Antiquities and Art Treasure Act, 1972.</b></li> </ul>   |
| <p><b>Awards &amp; Honors:</b></p>               | <p><b>Why in news?</b></p>   |



## Daily Current Affairs Encyclopedia

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| <p><b>National Energy Conservation Awards (NECA)</b></p> | <ul style="list-style-type: none"> <li>• <b>South Central Railway (SCR) was bestowed six national energy conservation awards for 2024 held by the Bureau of Energy Efficiency under the aegis of the Ministry of Power.</b></li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>• The <b>Ministry of Power had launched a scheme in 1991, to give national recognition through awards to industries and establishments that have taken special efforts to reduce energy consumption while maintaining their production.</b></li> <li>• The awards were given away for the first time on <b>14th December, 1991, which was declared as the National Energy Conservation Day.</b></li> <li>• It recognizes the <b>energy efficiency achievements in 56 sub-sectors across industry, establishments and institutions.</b></li> </ul>  |
| <p><b>Bureau of Energy Efficiency</b></p>                | <p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>• The Bureau of Energy Efficiency (BEE), under the Ministry of Power, has urged a nationwide initiative to tackle climate change and safeguard the environment.</li> <li>• This call emphasizes collective action from governments, industries, and individuals to address the growing concerns of greenhouse gas (GHG) emissions, deforestation, and pollution.</li> </ul> <p><b>Key Points:</b></p> <ul style="list-style-type: none"> <li>• It was <b>established in 2002 under the provisions of the Energy Conservation Act, 2001.</b></li> <li>• <b>Objective:</b> The primary objective of BEE is to reduce energy intensity in the Indian economy.</li> <li>• <b>Regulatory functions</b> <ul style="list-style-type: none"> <li>○ Develop minimum energy performance standards for equipment and appliances under Standards and Labelling</li> <li>○ Develop minimum energy performance standards for Commercial Buildings</li> <li>○ Develop Energy Consumption Norms for Designated Consumers</li> </ul> </li> <li>• <b>Nodal Ministry:</b> Ministry of Power</li> <li>• <b>Greenhouse Gases (GHGs):</b> <ul style="list-style-type: none"> <li>○ Atmospheric gases like <b>carbon dioxide, methane, nitrous oxide (N2O), water vapour, and chlorofluorocarbons</b> are capable of trapping the out-going infrared radiation from the earth's surface thereby causing greenhouse effect.</li> <li>○ Hence these gases are known as <b>greenhouse gases and the heating effect is known as greenhouse effect.</b></li> </ul> </li> </ul> |
| <p><b>Kaleshwaram Lift Irrigation Project (KLIP)</b></p> | <p><b>Why in news?</b></p> <ul style="list-style-type: none"> <li>• The <b>National Dam Safety Authority (NDSA) is likely to submit its final report on the Kaleshwaram Lift Irrigation Scheme (KLIS) by December end, excluding the aspect of conducting geo-technical tests.</b></li> </ul>  |



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### Key Points:

- It is a **multi-purpose irrigation project on the Godavari River in Kaleshwaram, Bhupalpally, Telangana.**
- It is designed to provide water for irrigation and drinking purposes to about 45 lakh acres in 20 of the 31 districts in Telangana, apart from Hyderabad and Secunderabad.
- Currently the world's largest multi-stage lift irrigation project, its farthest upstream influence is at the confluence of the Pranhita and Godavari rivers.
- **About National Dam Safety Authority (NDSA):**
  - **Water is under the state list**, but the Union government has made Dam safety law under **Article 246 of the Constitution. Article 246 empowers Parliament to legislate on matters listed in the state list under certain conditions.**
  - The Dam Safety Act, passed by Parliament, provides an institutional mechanism for ensuring dam safety in India.
  - The Act established a **National Dam Safety Authority to maintain standards related to dam safety, prevent dam-related disasters and address inter-State concerns related to dams.**

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