



29 April 2024

## Telangana State Regional News

## Master of Miniatures



## Context:

- Ajay Kumar Mattewada, known as the 'Master of Miniatures,' recently unveiled his latest marvel, a miniature sculpture of Lord Nataraja inside the eye of a needle.

## About:

- Ajay Kumar Mattewada, a **micro sculptor from Warangal**, created a miniature sculpture of Lord Nataraja inside a needle's eye, measuring 0.70 mm tall and 0.55 mm wide.
- He used materials like plastic powder, nylon fragments, soft wax, caterpillar hair for coloring, and even 24-carat gold for this intricate artwork.
- **Ajay will showcase his works, including the Nataraja Swamy masterpiece, at the 10th World Art Dubai-2024.**
- He claims to be the **third person globally to craft such intricate miniature art.**
- His inspiration comes from British micro-sculptor Willard Wigan, particularly his works inside the eye of a needle.

## Kadam reservoir

## Context:

- Telangana's Kadam reservoir in Nirmal district is facing a water crisis as temperatures rise, with its water levels steadily declining.

## Key points:

- The Kadam reservoir, **with a capacity of 7.603 tmcft, usually holds around 6 tmcft.**
- However, the current water level is at 2.630 tmcft, compared to 3.299 tmcft at the same time last year.
- **Impact on Water Supply:**
  - If the water levels continue to drop and reach the dead storage level, the regular release of nine cusecs of water from Mission Bhagiratha could be affected, potentially **leading to water shortage in five mandals—Kadam, Khanapur, Dsturabad, Pembli, and Jannaram—across Nirmal and Mancherial districts.**
  - This could impact more than 45 thousand connections.
- **Agricultural Impact:** The 68,000 acres of farmland under the project may also face irrigation problems if the water levels decline further. Irrigation officials have already announced a crop holiday for farmers under the ayacut



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	<p>before the kharif season begins.</p> <ul style="list-style-type: none"> <li>● <b>Silt Accumulation:</b> Silt accumulation has reduced the reservoir's storage capacity. While the government planned to remove the silt in 2016 and even sent a team to assess the issue, no action has been taken since then.</li> <li>● <b>History of Water Levels:</b> This is the third time this decade that the project has reached dead storage levels, with similar instances in 2019 and 2021. The reservoir reportedly overflowed twice earlier in the decade.</li> </ul>
Transformation of CESS into Solar Hub	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>● Former BRS legislator Ramesh Chennamaneni led discussions in Berlin under Indo-German Cooperation.</li> <li>● <b>Objective:</b> Shift all 2.98 lakh power consumers of Cooperative Electric Supply Society (CESS) in Rajanna Sircilla district to 100% solar energy.</li> </ul> <p><b>Key points:</b></p> <ul style="list-style-type: none"> <li>● <b>Long-term goal:</b> Convert the community into producers of solar power.</li> <li>● <b>Result:</b> CESS to evolve into a solar hub, promoting economic stability and increasing consumer incomes by making them net sellers of power.</li> <li>● <b>Environmental impact:</b> Transition to clean energy consumption, aiding in environmental preservation.</li> <li>● <b>Way forward:</b> Feasibility report to be completed by June, followed by German team's visit to Hyderabad in August for discussions with CESS, state government, and stakeholders.</li> </ul>
Telangana can be among top 3 states in patents	<p><b>Context:</b></p> <ul style="list-style-type: none"> <li>● Telangana has the potential to rank among the top three states in the country for patent filings and among the top five for trademark registrations within the next three years, according to experts in intellectual property rights.</li> </ul> <p><b>Key points:</b></p> <ul style="list-style-type: none"> <li>● <b>Patents:</b> Telangana currently ranks sixth in the country for patents, with 2,438 filings to date.</li> <li>● <b>Trademarks:</b> The state ranks seventh for trademark registrations, with 17,817 TMs as of the financial year 2023-24.</li> <li>● <b>Geographical Indications (GIs):</b> While currently ranked 12th for GI registrations, experts believe Telangana can break into the top 10 with around 30 GIs by 2026, with over a dozen expected to be registered in the next three years.</li> <li>● <b>Designs:</b> Telangana ranks 13th for designs registered,</li> </ul>



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with 394 designs filed.

- Subhajt Saha, founder of the Intellectual Property Rights Awareness Society, believes that Telangana could surpass 30,000 trademark registrations, 5,000 patent registrations, and achieve 30 GI registrations by 2026. Saha has facilitated the filing of 15 out of the 17 GIs registered by Telangana, as well as 14 out of 18 in Andhra Pradesh.



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