India Science and Technology (S&T) Scoreboard

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Why in news?

Tamil Nadu has the highest patents and research publications in 2024-25 in NITI Aayog's India S&T Scoreboard.

- **India S&T Scoreboard** – It assesses the scientific and technological performance of States and Union Territories across the country.
- **Launched by** – NITI Aayog.
- **Aim** – To provide a comprehensive picture of India's science and technology ecosystem through key indicators, including research and development expenditure, scientific publications, citations, patent applications and technological innovation.
- **Coverage** – It brings together data on the ecosystem itself: higher education institutions, R&D institutions, deep-tech startups and incubators; it also covers outputs such as research publications and patents.
- The platform covers 36 States and Union Territories and provides data and insights to support evidence-based policymaking.
- The initiative is expected to promote collaboration between state universities and centrally funded research institutions, encourage healthy competition and strengthen India's research and innovation ecosystem in line with the vision of Viksit Bharat 2047.

Key findings

- **Top 5 states in research publications** – Tamil Nadu, Uttar Pradesh, Maharashtra, Karnataka and Delhi.
- While Tamil Nadu has 44,611 research publications in 2024-25, Uttar Pradesh has 29,298, Maharashtra has 28,947, Karnataka has 27,970, and Delhi has 24,417.
- **Patent applications filed** – Tamil Nadu remained at the top, followed by Maharashtra, Karnataka, Uttar Pradesh and Telangana.
- Patent applications filed in Tamil Nadu in 2024-25 stood at 16,048, while Maharashtra has 8,567, Karnataka has 8,413, Uttar Pradesh has 5,375, and Telangana has 5,200 patents filed in the year under consideration.

Reference

Economic Times | NITI Aayog's India S&T Scoreboard



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