




FIVE RYDAY CURRENT AFFAIRS-October

TAMIL NADU

- **Tamil Nadu - has emerged topper in the country in its performance under Union government’s Jal Jeevan Mission**
- ✓ The Jal Jeevan mission aims to provide safe and adequate drinking water to all rural households.
- ✓ On October 2, state municipal administration minister K N Nehru and the department secretary Shiv Das Meena received the first prize in the functionality assessment for 2021-22 from President Droupadi Murmu at a function in Delhi.

AT A GLANCE



FINEST MOMENT: TN minister for municipal administration and water supply K N Nehru received Jal Jeevan Mission Functionality Assessment prize from President Droupadi Murmu in New Delhi on Sunday

<ul style="list-style-type: none"> ➤ Total number of households in rural TN 124.93 lakh ➤ Number of households given water connection 69.14 lakh ➤ Number of garbage hotspots identified and cleaned 	<ul style="list-style-type: none"> in rural areas 46777 ➤ Length of sewage channels cleaned 1558 kms ➤ Number of soak pits built under Sujlam 1.0 programme 1 lakh
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- ✓ The state bagged the award in the category of states that have provided individual drinking water pipelines to less than 60 % of the households.
- ✓ The functionality assessment exercise is an annual exercise to assess the status of water service delivery in households.
- ✓ According to the state government, water connections have been given to 69 lakh households (accounting for 55%) out of 124 lakh houses in rural areas of the state.

- ✓ In yet another achievement, the state has emerged third among high population states in achieving rural sanitation targets.
- ✓ Rural development minister K R Periakaruppan and rural development department secretary P Amudha received third prize from President Murmu for Swachh Survekshan Grameen 2022 in the big states' category.
- ✓ This apart, Tamil Nadu bagged the fifth spot under Sujlam 1.0 programme which focusses on individual and community greywater management.
- ✓ Earlier, K N Nehru met Union Jal Shakti minister Gajendra Singh Shekawat and sought Rs.3,600 crore for three water projects.
- ✓ The Minister sought Rs.2,400 crore for constructing check dams at five places, Rs.500 crore for automation of water supply from combined drinking water projects and Rs.700 crore for storing surplus water in Cauvery and Kollidam.

NATIONAL

- **The Jal Shakti (water resources) ministry – has released a ‘functionality assessment of tap connections’ report of the Jal Jeevan Mission (JJM) on the occasion of Gandhi Jayanti, which is now celebrated as Swachh Bharat Diwas**
- ✓ Under JJM, a functionality assessment exercise is undertaken every year to understand the status of water service delivery to households to assess the performance of various local water utilities in States/ UTs
- ✓ Tap water connection is referred to as functional if it meets following parameters: adequate quantity, fully regular supply and quality (potable)
- ✓ Accordingly, overall functionality of household tap connection in the country increased by 14% in 2021-22 over the previous assessment in 2020-21
- ✓ As per the report, only 62% rural households in the country were found to have functional tap water connections
- ✓ Further, 38% of the total assessed households unable to reach the “functionality” levels in terms of meeting all three parameters
- ✓ The findings show Puducherry at the top with 88% functionality score followed by Tamil Nadu (86%), Himachal Pradesh (82%), Goa (81%) and Telangana (80%).
- ✓ On the other hand, Rajasthan is at the bottom with the lowest 38% of functionality score with Kerala, Manipur and Andaman & Nicobar Islands (40% each), Tripura (41%), Maharashtra (43%) and Madhya Pradesh (47%) appearing as second, third, fourth and fifth worst state, respectively.
- ✓ The other states where functionality was less than the national average of 62% include Odisha (54%), Haryana and Jharkhand (55%each), Uttar Pradesh (57%) and Karnataka (58%).

STATUS OF JAL JEEVAN MISSION

JJM was launched on August 15, 2019

Objective: Provide safe and adequate drinking water regularly through individual household tap connections to all rural households in India by 2024

19.1 crore: Total no. of rural households (HHs) in India

7 crore
HHs covered since launch of JJM



3.2 crore (17% of the total)
HHs with tap water connections as on August 15, 2019

10.2 crore (54% of total)
HHs with tap water connections as on September 29, 2022



HAR GHAR JAL' STATUS UNDER JJM

Certified states/UTs:
Goa, A&N Islands, Puducherry, D&NH and D&D

Reported states/UTs:
Telangana and Haryana

*Means all HHs in that unit are provided with tap water supply

- ✓ Puducherry received the best performer award under the more than 60% coverage category while Goa was ranked second.
- ✓ Under the less than 60% coverage category, Tamil Nadu ranked first and Meghalaya came second.
- ✓ President Murmu also gave away a special award to the Burhanpur district of Madhya Pradesh for being the first “Har Ghar Jal” certified district.
- ✓ Functionality has been computed as the intersection of adequate quantity (minimum 55 litres per capita per day), fully regular supply and potable (quality) for households wherein water supply was available at the time of survey.
- ✓ The assessment in 2,59,151 households was done by a third party under the Jal Jeevan Mission (JJM)
- ✓ The Mission aims to provide safe and adequate drinking water regularly through individual household tap connections to all rural households in India by 2024.
- **The finance ministry - to run a special financial inclusion drive from October 15 to achieve saturation in respect of bank accounts and expansion of Kisan Credit Card coverage, among others.**
 - ✓ The campaign will run from October 15 to November 26 this year
 - ✓ It will initially be rolled out at the Gram Panchayat level in seven districts of the country.
 - ✓ They include Cuttack in Odisha, Aurangabad, and Pune in Maharashtra, Kakinada in Andhra Pradesh, Kaushambi in Uttar Pradesh, Datia, in Madhya Pradesh, and Barpeta in Assam.
 - ✓ The campaign will focus on mobile/ Aadhaar seeding of existing accounts with a special emphasize on making small accounts into normal accounts by doing full ‘Know Your Customer’ (KYC).
 - ✓ The campaign will also focus on achieving saturation in respect of bank accounts, insurance/ pension schemes for eligible individuals and distribution of loans to

farmer produce organisations (FPOs) and SHGs for the establishment of cold-chain infrastructure.

- ✓ Besides, it will also concentrate on expanding the coverage of MUDRA and KCC penetration for persons engaged in animal husbandry, dairy and fisheries as well as bringing SHG members within the ambit of the financial ecosystem of the country.

SCIENCE, TECHNOLOGY & ENVIRONMENT

- **India's maiden mars mission Mangalyaan or the Mars Orbiter Mission (MOM) - has finally come to an end**
- ✓ The Mars Orbiter craft has run out of propellant and its battery drained beyond the safe limit.
- ✓ The Indian Space Research Organisation (Isro) confirmed that the Mangalyaan mission has lost communication with ground station due to a long eclipse in April 2022, it has become non-recoverable and has attained end-of-life.
- ✓ MOM carried five scientific payloads (total 15 kg) collecting data on surface geology, morphology, atmospheric processes, surface temperature and atmospheric escape process.
- ✓ The five instruments are Mars Color Camera (MCC), Thermal Infrared Imaging Spectrometer (TIS), Methane Sensor for Mars (MSM), Mars Exospheric Neutral Composition Analyser (MENCA) and Lyman Alpha Photometer (LAP).
- ✓ The MCC has produced more than 1000 images and published a Mars Atlas.
- ✓ The Rs 450 crore Mars Orbiter Mission was launched onboard PSLV-C25 on November 5, 2013, and the MOM spacecraft was successfully inserted into Martian orbit on September 24, 2014 in its first attempt.
- ✓ India was the first Asian country (Chinese and Japanese missions failed en route), to succeed in the very first attempt, and the fourth country/agency in the world to reach mars (after NASA, Russian/USSR and European Space Agency).
- ✓ The mission objectives included exploration of the planet, study of Martian atmosphere especially to find the presence of methane and CO₂, and studying the dynamics of the atmosphere
- ✓ The Mars orbiter craft functioned for almost eight years, well beyond its designed mission life of six months.
- ✓ On September, 27, 2022, Isro organised a one-day national meeting to commemorate the Mars Orbiter Mission, as Mangalyaan completed eight years in Martian orbit

SPORTS

- **At least 170 people have died and 180 others are injured - in a stampede at a football match in Kanjuruhan stadium in Indonesia`s Malang in East Java province**
- ✓ The riots erupted during the Indonesia Premier League match between Persebaya Surabaya and Arema Malang after Persebaya Surabaya won the match 3-2 at the Arema`s home stadium on October 1



- ✓ Only Arema fans had been allowed inside, to avoid possible rioting by fans of the two teams
- ✓ The stadium had sold 42,000 tickets, against its capacity of 38,000
- ✓ Fans of the losing home side invaded the pitch after the final whistle and clashed with police, leading to police using tear gas to disperse the crowd
- ✓ The use of any crowd control gas or firearms is prohibited by world football governing body FIFA`s safety regulations.
- ✓ The Football Association of Indonesia (PSSI) suspended football matches of Indonesia's top league, BRI Liga 1, for one week.
- ✓ Indonesia`s football body has banned Arema from hosting matches for the rest of the season.
- ✓ Indonesian President Joko Widodo has ordered a probe into the case
- ✓ The stampede is the second worst tragedy in a long line of disasters at stadiums
- ✓ In what is among the worst stadium tragedies, 320 people were killed during a stampede at a Peru-Argentina Olympic qualifier in Lima in 1964.

RANKINGS

- **On October 2, Union Jal Shakti Minister Gajendra Singh Shekhawat - released Swachh Survekshan Grameen (SSG) 2022 report and handed over the first copies to the President of India, Droupadi Murmu**
- ✓ During this event the Union Minister of Jal Shakti also announced Swachh Survekshan Grameen (SSG) 2023 and Jal Jeevan Survekshan (JJS) 2023.
- ✓ Telangana, Haryana and Tamil Nadu emerged the cleanest among all large states on parameters of rural sanitation, according to the Swachh Survekshan Grameen (SSG) 2022

- ✓ Assam, Bihar and Jammu and Kashmir were the three worst performers.

SANITATION SURVEY RESULTS (RURAL) 2022

CATEGORY	1st	2nd	3rd
Big states	Telangana	Haryana	Tamil Nadu
Small states/ UTs	A&N Islands	DNH & Daman & Diu	Sikkim
Districts	Bhiwani (Haryana)	Jagtial (Telangana)	Nizamabad (Telangana)

Other highlights

- 84% respondents sanitation improved since 2014
- 68.4% satisfied with solid & liquid management in village
- 88% have access to household toilets
- Observers found 95.4% have access to household toilets
- Observers found 74.6% public places have access to toilets

Jal Jeevan Awards

(overall functionality of water from household taps)

More than 60% coverage category | Puducherry (1st) & Goa (2nd)

Less than 60% coverage category | Tamil Nadu (1st) & Meghalaya (2nd)

- Burhanpur (MP) 1st Har Ghar Jal certified district



- ✓ Among districts Bhiwani in Haryana is the cleanest followed by Jagtial and Nizamabad districts of Telangana.
- ✓ Golaghat district of Assam finished at the bottom of 709 districts, which were ranked in this survey.
- ✓ The two other worst performers were from Bihar – Banka (708 rank) and Katihar (707).
- ✓ Since Delhi and Chandigarh are fully urbanised UTs, these were not ranked.
- ✓ The survey report has ranked states and districts on the basis of their performance attained on qualitative and quantitative parameters and engagement of the rural community in improvement of their sanitation status.
- ✓ On October 1, the President released the sanitation status of urban areas and the ranking of states and cities were announced.
- ✓ The housing and urban affairs ministry carries out the swachhta ranking of urban areas, while the Jal Shakti ministry conducts the survey of rural areas.

INTERNATIONAL DAY

- International Day of Older Persons - October 1



- ✓ The day is observed every year to raise awareness about the contributions of elderly people and focus on the issues faced by them.
- ✓ Theme 2022 - “Resilience of Older Persons in a Changing World.”
- ✓ The UNGA designated October 1 as the International Day of Older Persons on December 14, 1990.
- ✓ It commemorates the Vienna International Plan of Action on Ageing, which was adopted by the World Assembly on Aging in 1982.
- ✓ In 1991, the UNGA adopted the United Nations Principles for Older Persons.
- ✓ In 2002, the Second World Assembly on Ageing adopted the Madrid International Plan of Action on Ageing
- ✓ On this occasion, the Election Commission honoured voters, aged 100 and above, who have taken part in voting since the first general election of India.

