

June - 10

TNPSC BITS

- ❖ NATO countries have kicked off Arctic military exercise named 'Arctic Challenge 2023'.
- ❖ Universal Postal Union regional office is to be established in New Delhi to enhance postal technology.
- ❖ Celeste Saulo of Argentina has been appointed as the first female Secretary - General of the World Meteorological Organization.

TAMIL NADU

Green Champion Awards 2022

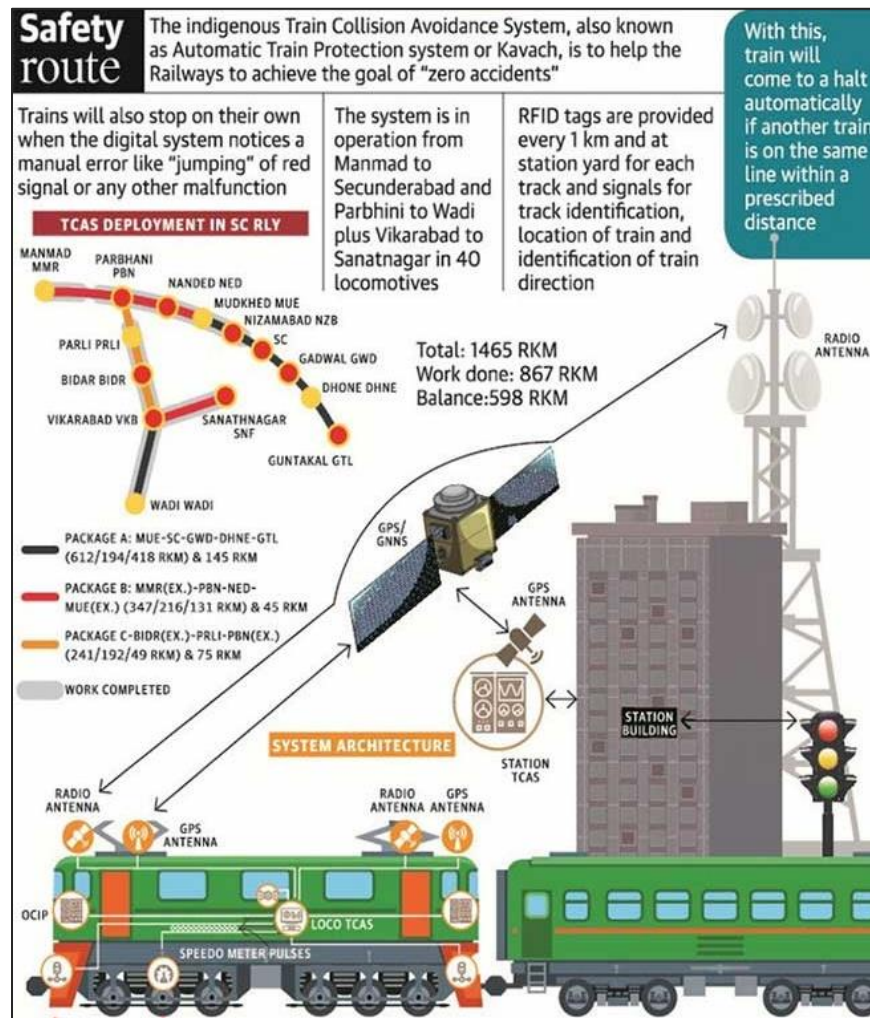


- ❖ The Tamil Nadu Pollution Control Board (TNPCB) on presented Green Champion Awards 2022.
- ❖ It was awarded to individuals, schools, colleges and commercial establishments for contributing to environmental conservation by adopting alternatives to single-use plastics.
- ❖ The Justice Basheer Ahmed Sayeed College for Women in Chennai or SIET College of Chennai received the award and college principal Amthul Azeez along with the team received the certificate and cash award.
- ❖ The other recipients were:
 - Government Higher Secondary School, Old Perungalathur;
 - Patrician College of Arts and Science, Adyar;

- Hand in Hand, Ashok Nagar;
- G. Thangaraj, National Green Corps; and
- Caterpillar India Private Limited, Power Systems Division, Hosur.
- ❖ A total of 92 members won the award with a cash prize of ₹1 lakh each.

NATIONAL

Kavach System



- ❖ The KAVACH is an indigenously developed Automatic Train Protection (ATP) system.
- ❖ It is developed by the Research Design and Standards Organisation (RDSO) in collaboration with the Indian industry.
- ❖ It is a state-of-the-art electronic system with Safety Integrity Level-4 (SIL-4) standards.

- ❖ It is meant to provide protection by preventing trains to pass the signal at Red (which marks danger) and avoid collision.
- ❖ It activates the train's braking system automatically if the driver fails to control the train as per speed restrictions.
- ❖ In addition, it prevents the collision between two locomotives equipped with functional Kavach systems.
- ❖ The system also relays SoS messages during emergency situations.
- ❖ An added feature is the centralised live monitoring of train movements through the Network Monitor System.
- ❖ 'Kavach' is one of the cheapest, SIL-4 certified technologies where the probability of error is 1 in 10,000 years.
- ❖ The South-Central Railway (SCR) Zone is a pioneer in the implementation of the KAVACH – TACS.

National Mission for Mentoring

- ❖ National Council for Teacher Education (NCTE) launched NMM in Pilot in selected 30 Central Schools across the country.
- ❖ It aims to facilitate the continuous professional development of school teachers through mentoring.
- ❖ Recently, NCTE organises 2-day capacity building workshop for the 60 mentors.



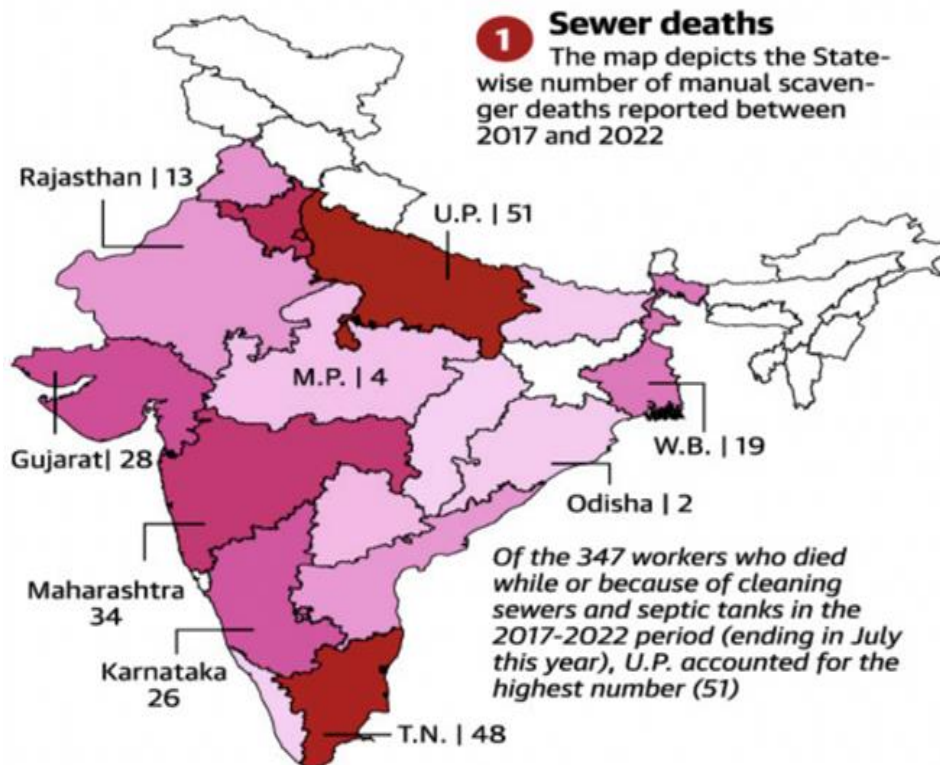
Sustainability Report for FY 2021-22

- ❖ NHAI's first 'Sustainability Report for FY 2021-22' covers NHAI's governance structure, stakeholders, environment and social responsibility initiatives.
- ❖ From FY 2019-20 till 2021-22 direct emission reduced by 18.44% and 9.49% due to less fuel consumption.

- ❖ Green House Gas (GHG) Emissions from energy consumption, operations, transport and travel saw a decline of 9.7% in FY 2020-21 and 2% in FY 2021-22.



Manual Scavenging report



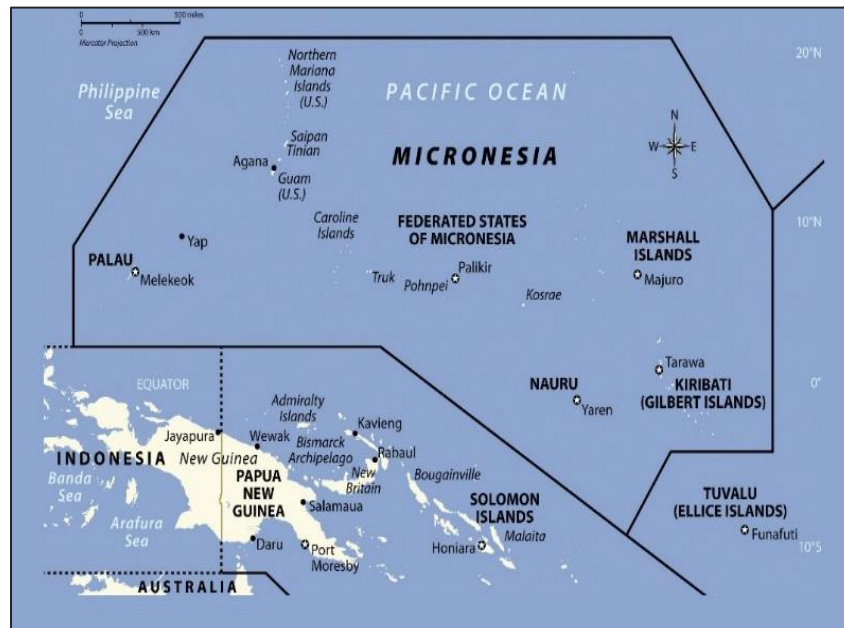
- ❖ Only 508 districts (66%) out of the total 766 districts in the country have declared themselves manual-scavenging free.

- ❖ 58,000 identified sewer workers have been given a one-time cash pay-out of ₹40,000 each.
- ❖ In addition, around 22,000 of them (less than half) have been connected to skills training programmes.
- ❖ The scheme for rehabilitation of manual scavengers has now been merged with the NAMASTE scheme for 100% mechanisation of sewer work.

INTERNATIONAL

Undersea Cable Connection Project in Micronesia

- ❖ Japan joined the US and Australia's undersea cable project.
- ❖ It will connect East Micronesia Island nations to improve networks in the Indo-Pacific region.
- ❖ The approximately 2,250-kilometre undersea cable will connect the state of Kosrae in the Federated State of Micronesia, Tarawa in Kiribati and Nauru.



Oil production Cut

- ❖ The world's top oil exporter Saudi Arabia announced further voluntary output cuts which will be implemented from July, 2023.
- ❖ The kingdom's output will decline to 9 million barrels per day from around 10 million barrels in May.

- ❖ But, the Organization of the Petroleum Exporting Countries and its partners (known as OPEC+) made no changes to its planned oil production cuts for the rest of the year.
- ❖ OPEC+ pumps approximately 40% of the world's crude and policy decisions can have a significant impact on prices.



SCIENCE AND TECHNOLOGY

Fattah or Conqueror

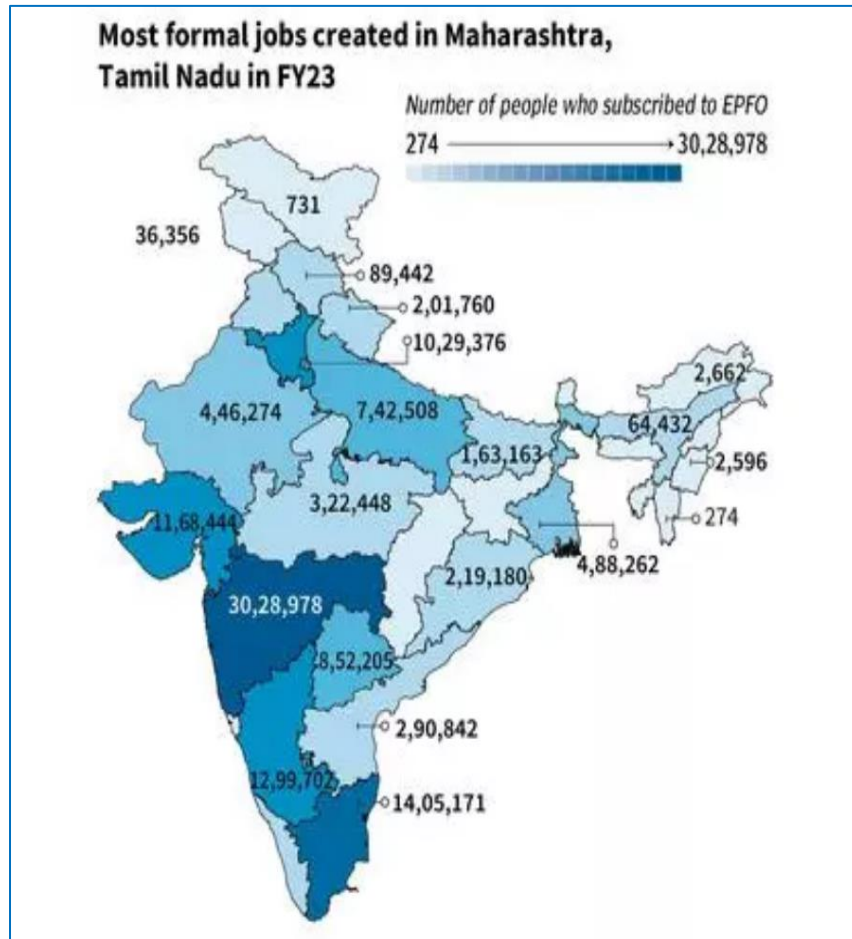


- ❖ Iran's new missile, Conqueror, have a claim that can penetrate any regional missile Defense system.

- ❖ This hypersonic missile capable of traveling at 15 times the speed of sound.
- ❖ It had a range of up to 1,400 kilometers (870 miles).

STATES

Formal job creation in FY 23



- ❖ According to the Employees' Provident Fund, 1.39 crore people found new formal jobs in India in FY23.
- ❖ This is a 13 per cent increase compared to FY22.
- ❖ Data from the Centre for Monitoring Indian Economy (CMIE) also showed lower unemployment rate, 7.6 per cent, in FY23.
- ❖ It fell down compared to the previous two financial years — 8 per cent in FY22 and 10 per cent in FY21.
- ❖ Maharashtra has topped in the financial year by adding 30.28 lakh payroll.
- ❖ Tamil Nadu is in second place, with 14.05 net new payroll additions in FY23.

- ❖ Karnataka, Haryana and Gujarat bagged the third, fourth and fifth positions, respectively.
- ❖ Among the large states, Assam had the fewest formal job creations at 64,432.

SPORTS

Men's Junior Hockey Asia Cup 2023



- ❖ The Indian Junior Men's Hockey Team championed by beating Pakistan in the Final match of the Men's Junior Asia Cup 2023 in Salalah, Oman.
- ❖ With this victory, India has created a new record of winning the maximum titles at the Men's Junior Hockey Asia Cup.
- ❖ The team had previously won the title in 2004, 2008 and 2015.
- ❖ Pakistan has won the tournament in 1988, 1992, 1996.

IMPORTANT DAYS

World Brain Tumor Day 2023 - June 08

- ❖ This day aims to increase awareness and educate people about brain tumours.
- ❖ Brain tumours are abnormal growths that develop within the brain or its surrounding structures.

- ❖ Theme for 2023 is "Protect yourself - keep away from stress."



World Oceans Day 2023 - June 08



- ❖ This day reminds us of the important role of the oceans in sustaining our livelihoods and the necessity to prevent them from destruction.
- ❖ The oceans cover about 71% of the Earth's surface.
- ❖ They are vital for maintaining the planet's climate, regulating temperature, and producing oxygen.



❖ Theme of this year is "Planet Ocean: Tides are Changing".

