

March - 20

TNPSC BITS

- ❖ Indian Oil launches ETHANOL 100 alternative automotive fuel at selected 183 retail outlets across five states of Maharashtra, Karnataka, Uttar Pradesh, New Delhi and Tamil Nadu.
- ❖ The Indian Navy's dedicated headquarters named 'Nausena Bhawan' was inaugurated at Delhi Cantonment.
- ❖ The Union Cabinet approved an inter-governmental framework agreement between India and the United Arab Emirates on cooperation for the India-Middle East Europe Economic Corridor.
- ❖ India's Numaligarh Refinery Limited (NRL) opens its first overseas office in Dhaka, Bangladesh.

NATIONAL

Launch of 'Agray' and 'Akshay'

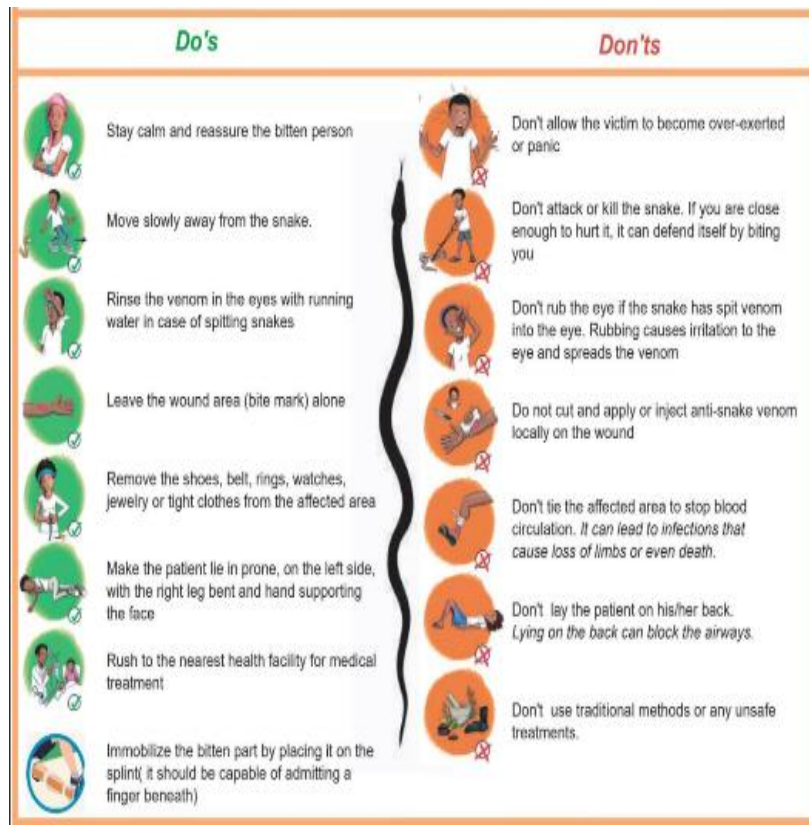


- ❖ Two ships 'Agray' and 'Akshay' were launched recently.
- ❖ Agray and Akshay are named after erstwhile Abhay Class Corvettes Agray and Akshay of Indian Navy.
- ❖ These are the 5th and 6th ships in the SWC project series.

- ❖ They are designed to undertake anti-submarine operations in coastal waters, Low Intensity Maritime Operations (LIMO) and Mine Laying Operations

NAP-SE

- ❖ A National Action Plan for Prevention and Control of Snakebite Envenoming (NAP-SE) was launched in India.
- ❖ It aims to reduce snakebite deaths by halve by 2030.
- ❖ The NAPSE provides a broad framework for states to develop their own action plan for management, prevention and control of snakebites through the 'One Health' approach.
- ❖ The activities envisaged under human, wildlife, tribal and Animal health component will be undertaken by concerned stakeholders at all levels.



PM-SURAJ portal

- ❖ The 'Pradhan Mantri Samajik Utthan and Rozgar Adharit Jankalyan' (PM-SURAJ) national portal was inaugurated recently.
- ❖ This portal aims to offering credit support to the marginalized segments of society.

- ❖ By using this, People from disadvantaged sections of society can apply for and monitor the progress of all loan and credit schemes already available to them.

APPLY FOR GRANT / LOAN UNDER SCHEMES FOR

NSFDC

SCHEDULED CASTES

National Scheduled Castes Finance and Development Corporation (NSFDC) is an institution under Ministry of Social Justice & Empowerment, for financing, facilitating and mobilizing funds for the economic empowerment of persons belonging to the Scheduled Castes families living below Double the Poverty Line.

APPLY FOR LOAN

NBCFDC

BACKWARD CLASS

National Backward Classes Finance & Development Corporation (NBCFDC) is a Govt. of India Undertaking under the aegis of Ministry of Social Justice and Empowerment. NBCFDC provides financial assistance through State Channelling Agencies (SCAs) nominated by the State Governments/ UTs.

APPLY FOR LOAN

NSKFDC

SAFAI KARAMCHARI

National Safai Karamcharis Finance & Development Corporation (NSKFDC) is in operation since October, 1997, as an Apex Corporation for the all round socio-economic upliftment of the Safai Karamcharis, Scavengers and their dependants throughout India, through various loan and non-loan based schemes.

APPLY FOR LOAN

Criminal Case Management System

<p>Data Management Module</p>	<p>Criminal Booking Module</p>	<p>Biometric Module</p>	<p>Analytics Module</p>
<p>Case Management Module</p>	<p>Forensic Modules</p>	<p>Latent Capabilities</p>	<p>Artificial Intelligence</p>

- ❖ A unique digital Criminal Case Management System (CCMS) was inaugurated in New Delhi.
- ❖ It will enable the NIA personnel to better coordinate in terrorism and organised crime cases, thereby improving justice delivery.
- ❖ A mobile app ‘Sankalan’ was also launched recently.

- ❖ It is a compendium of New Criminal Laws by the National Crime Records Bureau (NCRB).
- ❖ This app has been designed for navigating through new criminal laws as a bridge between old and new criminal laws.
- ❖ This app will work as a comprehensive guide for all stakeholders.

Atmospheric Testbed Facility



- ❖ The first phase of India's Atmospheric Research Testbed in Central India (ART-CI) was inaugurated at Silkheda in Sehore district, Madhya Pradesh.
- ❖ The facility will house 25 high-end meteorological instruments for studying vital cloud processes associated with the monsoons over central India's Monsoon Core Zone (MCZ).
- ❖ The facility aims to conduct ground-based observations of weather parameters like temperature, wind speeds, etc.

Calling Name Presentation

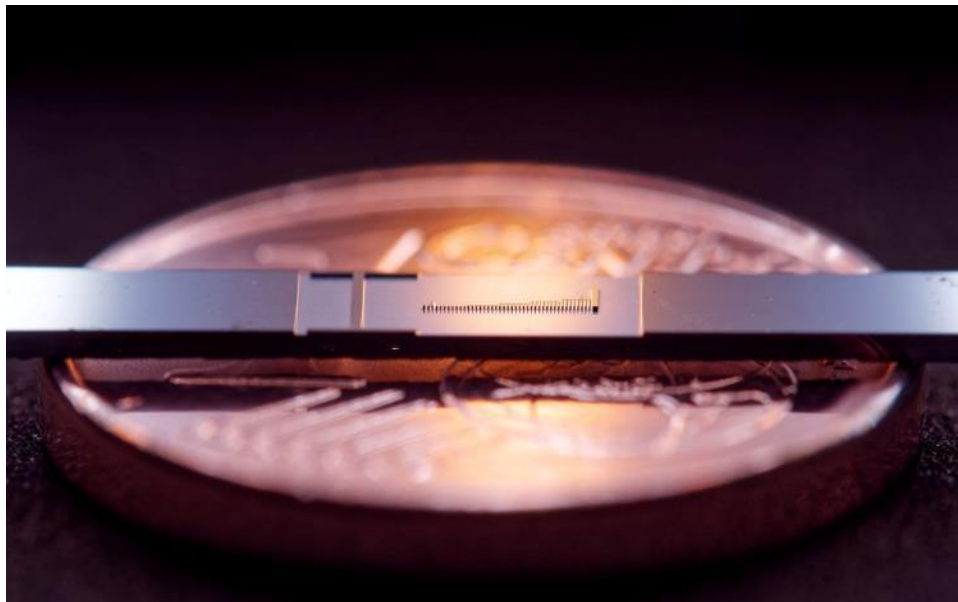
- ❖ TRAI has recently recommended the introduction of Calling Name Presentation (CNAP) by telecom operators.
- ❖ The feature will allow users to see the caller's name and might help combat spam calls.
- ❖ CNAP is a service similar to Truecaller that will show the caller's name.
- ❖ According to TRAI, network providers should use the name identity provided by telephone subscribers in their Customer Application Form (CAF) for CNAP.

- ❖ All service providers should provide the facility to their subscribers upon request.
- ❖ This means the name you use when purchasing a SIM card will be the one visible to the person you are calling.



SCIENCE AND TECHNOLOGY

Nanophotonic Electron Accelerator



- ❖ Researchers have successfully activated the world's smallest particle accelerator.
- ❖ It could revolutionize various applications, including the potential for miniature particle accelerators to be employed in medical treatments.
- ❖ The newly developed machine is known as a nanophotonic electron accelerator (NEA).



- ❖ It is a miniature technological marvel approximately the size of a small coin.
- ❖ This tiny accelerator relies on a small microchip housing a vacuum tube made up of thousands of individual "pillars."
- ❖ The 16.8-mile-long (27 KM) Large Hadron Collider (LHC) at CERN in Switzerland is the world's largest and most powerful particle accelerator.

REPORTS AND INDICES

Global Connectedness Report, 2024

GDP Rank	Country	Score	Change 2017 to 2022	
			Rank	Score
1.	United States	57	-10	0
2.	China	50	-10	-1
3.	Japan	55	-1	+1
4.	Germany	64	+1	+2
5.	India	52	+1	+1
6.	United Kingdom	69	-1	+2
7.	France	61	-2	+1
8.	Russian Federation	49	-31	-3
9.	Canada	59	0	+1
10.	Italy	58	+3	+2

- ❖ DHL and New York University's Stern School of Business have released a report called "New DHL Global Connectedness Report 2024".
- ❖ The report tracks how flows of trade, capital, information, and people move around the world and measures the globalisation of 181 countries and territories.
- ❖ Globalisation reached a record high in 2022 and stayed almost as high in 2023.
- ❖ The share of global output traded internationally was back to a record high level in 2022.
- ❖ The report ranked Singapore as among the top most globalised countries followed by the Netherlands.
- ❖ According to it, 143 countries became more globally connected, while only 38 saw their levels of connectedness decline.

- ❖ Europe is the world's most globally connected region, followed by North America and the 'Middle East & North Africa'.

STATES

Pandavula Gutta



- ❖ Pandavula Gutta has been officially recognised as the sole Geo-heritage site in Telangana.
- ❖ It is older than the Himalayas and showcases ancient rock paintings in various colours like green, red, yellow, and white.
- ❖ The paintings depict symbols such as swastikas, circles, squares, and animals like bison, antelope, tiger, and leopard.
- ❖ Geo-heritage refers to the geological features which are inherently or culturally significant offering insight into earth's evolution or history to earth science or that can be utilized for education.

IMPORTANT DAYS

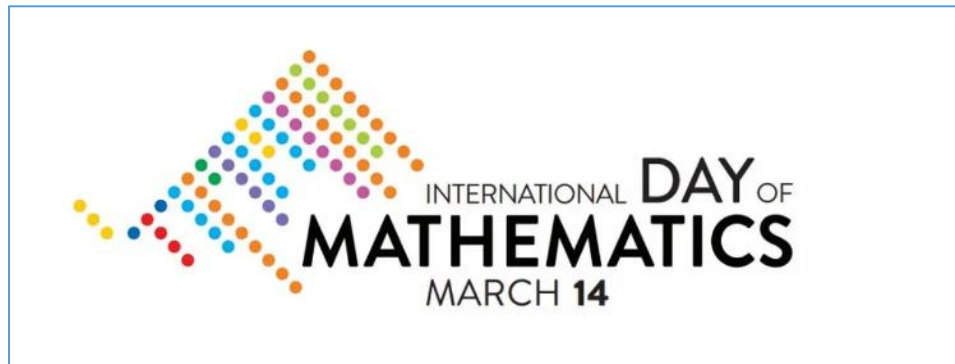
World Rotaract Day 2024 - March 13

- ❖ This day acknowledges the services provided by the Rotaractors across the globe.
- ❖ The day is observed with a week-long program of World Rotaract Week.
- ❖ Rotaract was first established in 1968 in North Carolina, USA.

- ❖ Now it has over 250,000 members in more than 10,000 clubs around the world.



International Day of Mathematics 2024 - March 14



- ❖ UNESCO declared this International Day at the 40th General Conference on November 19, 2019.
- ❖ This day sheds light on Mathematics' importance in different areas like climate change, energy, artificial intelligence, and sustainable development.
- ❖ This Day coincides with International Pi Day.
- ❖ The theme for 2024 is 'Playing with Math.'

International Day of Action for Rivers - March 14

- ❖ It highlights the importance of ensuring that all communities have access to clean, free-flowing water.

- ❖ It urges to bring collective responsibility to defend these rights and protect our rivers now more than ever.
- ❖ This day was approved at the first International Meeting of People Impacted by Dams in March 1997 in Curitiba, Brazil
- ❖ This year's theme is "Water for All".




INTERNATIONAL DAY OF ACTION FOR RIVERS

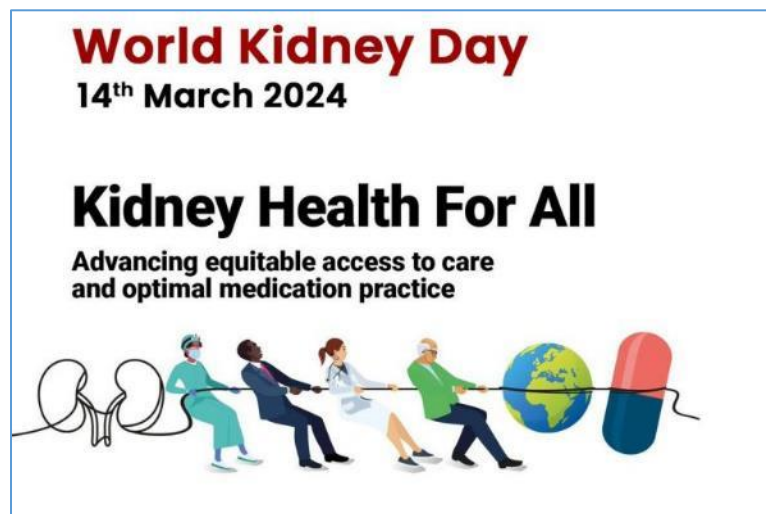
ISSUE FACED:
 The river channel was encroached upon completely at its origins.

INITIATIVE:
 River rejuvenation across the whole channel length of river was done.

OUTCOME:
 River channel became free of encroachments, enhanced water conservation and storage, flood and soil erosion control, increase in ground water level and irrigation area, etc.




World Kidney Day 2024 - March 14



World Kidney Day
14th March 2024

Kidney Health For All
Advancing equitable access to care
and optimal medication practice



- ❖ This day aims to create awareness about the importance of healthy kidneys and how one can maintain kidney health and prevent kidney-related diseases.



- ❖ This day is observed on the second Thursday of March, every year.
- ❖ The theme for the 2024 campaign is 'Kidney Health For All.'

