

April - 06

TNPSC BITS

- ❖ Nupur Kulshrestha becomes the first woman to be promoted as Deputy Inspector General (DIG) of Indian Coast Guard.
- ❖ Aurangabad Airport in Maharashtra was renamed to Chhatrapati Sambhaji Maharaj Airport.
 - Sambhaji was the second ruler of the Maratha kingdom.
 - He was the eldest son of Shivaji, the founder of the Maratha Empire and his first wife Saibai.
- ❖ On 23rd March, the Punjab Government imposed full curfew across Punjab without any relaxation, become first State to impose full curfew in India due to Covid 19 breakout.
- ❖ State Bank of India set up a mobile ATM in Vellore for its customer's convenience.

TAMIL NADU

Tamilnadu CM's recent announcements

- ❖ Chief Minister Edappadi K Palaniswami announced that the Hindu Religious and Charitable Endowments Department will launch a TV channel Thirukkovil.
- ❖ A traditional paddy varieties protection center will be started in Needamangalam in Thiruvarur District.
- ❖ The campus of the Tamil Nadu State Council for Higher Education will be named as Dr. J. Jayalalithaa campus to honour her contribution to enrolment of students in higher education in the State.
- ❖ A statue of Jayalalithaa will also be installed on the campus.
- ❖ The CM also said that a statue of Vellaiya Thevan, the lieutenant of Veerpandiaya Kattabomman will be installed at the mani mandapam in Vallanadu, Thoothukudi district.
- ❖ The CM said a pharmaceutical park will be created at the industrial park in Cheyyaru in Tiruvannamalai district.
- ❖ The CM said thuppuravu paniyalargal (conservancy workers) will hereafter be called thoymai paniyalargal (cleanliness workers), the long pending demand of the workforce.



- ❖ He said that the Miyawaki method of afforestation, a Japanese technique, would be used to expand the green cover in unused open spaces in urban areas.

Tamil Nadu Public Health Act, 1939

- ❖ Under this Act, the entire Tamilnadu state has been declared as the Corona Prone Zone.
- ❖ Places such as government and private buildings and hospitals, apartments, and firms should have sufficient numbers of taps and wash basins, and provide liquid hand wash or soaps for visitors.
- ❖ Visitors should be allowed to enter and leave the premises only after washing their hands.
- ❖ In case of any information on COVID-19 cases, laboratories, hospitals and doctors should inform the Directorate of Public Health and Preventive Medicine within 24 hours in writing.
- ❖ Government and private hospitals should maintain their premises by taking up frequent disinfection measures to prevent the spread of COVID-19.
- ❖ The Tamilnadu State government has declared COVID-19 a notified disease under the Tamil Nadu Public Health Act, 1939.
- ❖ The regulations were prescribed under the Epidemics Diseases Act, 1897.
- ❖ Those who fail to adhere to the instructions would face action under the provisions of the above said two Acts.
- ❖ In addition, the violators would face six months' imprisonment or fine or both under section 188 of Indian Penal Code (IPC).
- ❖ The following Laws are in favour of taking preventive measures during epidemic and pandemic crisis.
 - Sections 260 and 270 (Negligent or malignant act likely to spread infection of disease dangerous to life) of IPC
 - Tamil Nadu Public Health Act, 1939,
 - Epidemic Diseases Act, 1897
 - Disaster Management Act, 2005.

NATIONAL

CARUNA

- ❖ The associations of civil servants formed an initiative called CARUNA.

- ❖ CARUNA is Civil Services Associations Reach to Support Natural Disasters.
- ❖ CARUNA is a collaborative platform.
- ❖ It includes IAS and IPS officers.
- ❖ The platform is to be represented by NGO, industry leaders, IT professionals along with the civil servants.
- ❖ The initiative is being launched to support government efforts to fight Corona Virus.
- ❖ It will help in generating data base of information about migration, medical equipment, essential supplies, ventilators and masks.
- ❖ The initiative will help address shortages at district level.



UberMEDic Service

- ❖ The National Health Authority has partnered with Uber India to provide dedicated transport services to the health care workers that are involved in treating COVID-19 patients.
- ❖ The facility is being launched under the name “UberMEDic Service”.
- ❖ The NHA is the apex body that implements ayushman Bharat.



Hack the Crisis – India

- ❖ The Minister of electronics and IT & HRD Sanjay Dhotre launched “Hack the Crisis- India”.
- ❖ It is an online hackathon that aims to work on solutions for COVID-19.
- ❖ The initiative is being organized by “FICCI Ladies Organization” and “Hack a Cause-India”.
- ❖ The Hackathon is a part of Global initiative.
- ❖ The main objective of the hackathon is to find non-medical solutions that will help contain COVID-19 virus.
- ❖ The “Hack the Crisis” began in Estonia.



ECONOMY

En Kasu

- ❖ In a first of its kind in the country, Karur Vysya Bank has launched "Enkasu", a pre-paid card in Karur.
- ❖ In response to the digital initiative of the Government of India, the bank undertook a "Quit Cash Movement" in Karur - a movement to reduce the usage of cash in the district of Karur.
- ❖ Karur Vysya Bank hails from Karur, where the Bank was established 104 years ago.

SCIENCE AND TECHNOLOGY

Centre for Augmenting WAR with COVID-19 Health Crisis (CAWACH).

- ❖ The Department of Science & Technology (DST), in a rapid response to combat COVID-19 global pandemic, has approved this CAWACH.

- ❖ The Society for Innovation and Entrepreneurship (SINE), a technology business incubator at IIT Bombay supported by DST has been identified as the Implementing Agency of the CAWACH.
- ❖ CAWACH will scout, evaluate and support the innovations and start-ups that address COVID-19 challenges.

CoroFlu

- ❖ Bharat Biotech along with virologists of University of Wisconsin and Madison have begun development and testing of a new vaccine called CoroFlu for COVID-19.
- ❖ The vaccine is to be developed with the M2SR vaccine as the main component.
- ❖ The M2SR vaccine is used against flu.
- ❖ The M2SR is a self-limiting version of the influenza virus.
- ❖ The vaccine will be delivered intranasally.



JEEVAN

- ❖ It is a low-cost energy efficient ventilator made by the Rail Coach Factory, Kapurthala in Punjab.
- ❖ The cost of the machine is fraction of what the original designs cost.
- ❖ The ventilator consists of an air container which is considered as the heart of the device.
- ❖ The machine is completely silent.
- ❖ It does not use link mechanism, servo motor or piston mechanism.

- ❖ The design is microprocessor based and was designed by India's leading team that produces German-design like Hoffman coaches.

TB Machines

- ❖ The Indian Council of Medical Research approved the use of Tuberculosis machine for conducting COVID-19 tests.
- ❖ Currently India is using the RT-PCR (Real Time-Polymerase Chain Reaction) testing recommended by the US and approved by FDA.
- ❖ Along with this, the ICMR has recommended the use of Truenat test.
- ❖ The Truenat test is currently used to detect drug-resistant TB.
- ❖ The Truenat is a battery-operated device.
- ❖ The device uses chip-based technology and takes minimum of 60 minutes for a test.
- ❖ Today there are total of 800 Truenat machines in India.
- ❖ Of these 457 are in Andhra Pradesh.
- ❖ Currently, India is importing these kits and is not manufacturing locally.



ENVIRONMENT

BS VI fuel

- ❖ Indian Oil Corp (IOC), the nation's biggest oil firm, has begun the supply of the world's cleanest petrol and diesel across the country.
- ❖ IOC is the first company to begin supply of BS-VI fuel across country.



- ❖ Other fuel retailers, Bharat Petroleum Corp Ltd (BPCL) and Hindustan Petroleum Corp Ltd (HPCL), are also progressively supplying BS-VI grade fuel.
- ❖ The government had set April 1 as the deadline for starting supply of Euro-VI emission compliant fuels.

