

**September - 11**

## **TNPSC BITS**

- ❖ Six government hospitals in four districts – Trichy, Perambalur, Ariyalur, and Karur will offer varma therapy for patients at the AYUSH block in the respective hospitals from October 2018.
- ❖ The Nilgiris district has decided to celebrate September 12th as 'Kurinji Flower Day' to celebrate the blossoms of blue Kurinji flower which occurs once in 12 years.
  - There are totally 9 different types of Kurinji flower that blossoms in Nilgiris and overall 32 types in entire India.
- ❖ Transplant Authority of Tamil Nadu (TRANSTAN) has made Aadhaar cards compulsory for Indians to register in the organ waitlist registry.
  - Foreigners have to submit a No Objection Certificate (NoC) from the respective Embassies.
- ❖ Lucknow's famous 'Hazratganj Chauraha' will be renamed after former prime minister Atal Bihari Vajpayee as 'Atal Chowk'.
  - The UP State Government has also announced to convert Vajpayee's ancestral house in Bateshwar, Agra into a memorial and develop a tourist circuit.
- ❖ The Union Ministry of Personnel and Public Grievances has organized a regional conference on 'Good Governance with focus on Aspirational Districts' at Bhopal in Madhya Pradesh.
- ❖ Snow leopard was spotted at height of about 4,000 meters in Lippa-Asra wildlife sanctuary in Kinnaur district of Himachal Pradesh.
  - Last year, the snow leopard was improved from 'endangered' to 'vulnerable' in terms of conservation status
- ❖ Triple jumper Arpinder Singh becomes the first Indian to win a medal in the IAAF Continental Cup as he clinched a bronze.
- ❖ Hun Sen has been re-elected as the Prime Minister of Cambodia.
- ❖ G20 first-ever ministerial meetings on education and employment, held in Mendoza, Argentina.
- ❖ Qatar becomes the first Gulf country to grant permanent residency cards and new rights to some of the foreigners.

- Under the new rule, new permanent residency holders would be treated like Qatari nationals and will benefit from the state's generous welfare system, including education and health-care services.
- ❖ Bangladesh Naval Ship 'Somudra Joy' arrived Visakhapatnam (Eastern Naval Command) on a four-day goodwill visit.
- ❖ Researchers from Indian Institute of Science Education and Research (IISER) Bhopal have developed cheaper and more flexible organic solar cells using a synthetic derivative of vitamin B12.
- ❖ Union textiles minister Smriti Irani inaugurated a 'digital village' at the common service center of the Information and Technology ministry in Pindara Thakur village, Amethi.
  - Under the digital village project, there would be 206 programmes available for the people including Wi-Fi Chaupal, LED bulb manufacturing, a unit to make sanitary pads and PM digital literacy initiative.
- ❖ Naomi Osaka became the first Japanese woman to win a Grand Slam title after winning over Serena Williams in the finals of the U.S Open.
- ❖ Vice President M. Venkaiah Naidu released the Book 'Constitutionalizing India - an Ideational Project' authored by Bidyut Chakrabarty in New Delhi.

## **NATIONAL**

### **India's first railway university**

- ❖ The National Rail and Transportation Institute (NRTI) was started on September 11 in Vadodara.
- ❖ This is the first university in the country in the transport sector.
- ❖ Currently, it is functioning out of the National Academy of Indian Railways, Vadodara.
- ❖ It is funded by the ministry of railways, with the University of California, Berkeley and Cornell University as its international partners.

### **Safe city project for women**

- ❖ The government has appraised fund for safe city project in eight cities (Delhi, Mumbai, Kolkata, Chennai, Bengaluru, Hyderabad, Ahmedabad, and Lucknow) under the Nirbhaya Fund.

- ❖ The objective is to make the cities safer for women by addressing different aspects such as street lighting, safer public transport, improved policing and others.
- ❖ This project consists of transit dormitories for women and children, smart LED streetlights, one-stop crisis centers, public panic buttons, and forensic and cybercrime cells.

### **Panel for e-Commerce issues**

- ❖ The Union Government constituted a group of secretaries to look into the e-Commerce issues.
- ❖ The panel will be chaired by the Secretary in the Department of Industrial Policy and Promotion (DIPP).
- ❖ The members include Secretaries of the Ministry of Electronics and Information Technology and Department of Commerce.
- ❖ Representatives of NITI Aayog and Department of Economic Affairs are also the members of the panel.

### **India's longest rail-cum-road bridge**

- ❖ Bogibeel Bridge is a longest combined road and rail bridge over the Brahmaputra River in Assam. It has three-lane roads on top and double line rail below.
- ❖ The 4.94 km bridge will facilitate road and rail connectivity between the north and south banks of the Brahmaputra in the eastern part of Assam and Arunachal Pradesh.



- ❖ Bogibeel will be the longest rail-cum-road bridge in India and 2nd longest bridge over the Brahmaputra after Dhola-Sadiya Bridge which is a road bridge of length 9.15 km.

## INTERNATIONAL

### Heritage tag for 2 irrigation facilities

- ❖ Telangana government's two nominations in the ICID Register of Heritage Irrigation Structures are accepted by International Executive Council meeting in Canada.
- ❖ This council is the highest decision-making body of the International Commission on Irrigation and Drainage (ICID).
- ❖ The two nominated irrigation facilities are Sadarmatt anicut across river Godavari in Nirmal district and Pedda Cheruvu in Kamareddy district.



- ❖ ICID is a non-governmental professional network of experts from across the world in the field of irrigation, drainage, and flood management.

### **Milex-2018**

- ❖ The first-ever Bimstec (Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation) anti-terror military exercise held at Pune in Maharashtra
- ❖ Only the armies of India, Sri Lanka, Bangladesh, Bhutan, and Myanmar are participating in the exercise.
- ❖ Nepal and Thailand have sent only “observers” to the “Milex-2018” exercise.
- ❖ The aim of the exercise was to create synergy, better understanding and evolve an institutionalized military forum for regional cooperation in the field of counter-terrorist operations among the member states.

## **SCIENCE AND TECHNOLOGY**

### **India's first embryo transplanted calf**

- ❖ India's first female calf is born using embryo transplant technology.
- ❖ The project was supervised by the Department of Animal Husbandry, Jammu in collaboration with the National Dairy Development Board.
- ❖ The calf of 'Sahiwal' breed was born to a crossbred Jersey cow at the Central Cattle Breeding & Research Farm.
- ❖ Embryo transfer is a process of transferring an embryo from the reproductive tract of a donor female to a uterus of a female recipient with intent to establish a pregnancy. This technique is used for both humans and animals.

### **Asia's First airport use Face recognition**

- ❖ Kempegowda International Airport (KIA) in Bengaluru is set to become the first airport in Asia to use face recognition as the boarding procedure for passengers to board flights and move across different sections of the airport.
- ❖ This is the first end-to-end face recognition-based walk-through experience in Asia and the largest in the world.
- ❖ It is also one of the most significant steps towards the Digital India campaign endorsed by the Government.

- ❖ The first implementation of this system will be completed in 2019, with Jet Airways, Air Asia and Spice Jet passengers as first users.

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