

October – 21

TNPSC BITS

- ❖ Stephen Hawking’s final book “Brief Answers to the Big Questions” has been launched posthumously.
- ❖ The Prime Minister chaired the sixth meeting of National Disaster Management Authority (NDMA) in New Delhi.

TAMILNADU

Pneumatic Tube Systems – Tamilnadu

- ❖ The Institute of Child Health (ICH) and Hospital for Children, Egmore and Rajiv Gandhi Government General Hospital (RGGGH) will soon establish “seamless laboratories” comprising pneumatic tube systems and automated processing of samples.
- ❖ The samples reception will be through the pneumatic tube system and there will be no manual carrying of samples within the campus.
- ❖ A prototype of the pneumatic system is getting installed at ICH, and will be launched on November 14, on the occasion of its golden jubilee celebrations.

Global Investors Meet – Tamilnadu and Australia

- ❖ The Australian government will engage actively with Tamil Nadu at the upcoming Global Investors Meet 2019, to pursue opportunities in education, road safety technology, urban infrastructure, fisheries and agricultural business.
- ❖ Tamil Nadu would be one of the priority States for increased Australian engagement.
- ❖ Currently, there are 83 active MoUs between Australian universities and educational institutions in Tamil Nadu.

Solar Park - Trichy

- ❖ Trichy Corporation has managed to obtain both administrative and technical approvals for establishing a 2.5 megawatt (MW) solar park under smart cities mission to generate electricity from sunlight.

- ❖ Panchapur has been chosen as apt location.
- ❖ The civic body has planned to join hands with Tamil Nadu Generation and Distribution Corporation (TANGEDCO) for supplying the electricity generated through the solar park to a public grid.

12th Century stone inscription

- ❖ A stone inscription dating back to the 12th century AD has been found during an explorative study in Kailasanatha temple in Uttamasili.
- ❖ Uttamasili is a remote village near Trichy.
- ❖ The stone inscription has a miniature version of goddess Mahishasura mardhini.



- ❖ An icon of lord Narasimha in yohasana along with his consorts seated on a rectangular bench-like pedestal was found in the temple.
- ❖ A team from Dr M Rajamanikkanar Centre for Historical found a partially damaged inscription of Vikrama Chola.
- ❖ Vikrama Chola is the son of Kulottunga-I who had established Chalukya Chola dynasty in Tamil Nadu

Praveen Chitravel

- ❖ Praveen Chitravel, a farm labourer's son from Tamil Nadu, clinched a bronze medal in the men's triple jump in the Youth Olympics in Buenos Aires.
- ❖ It gave India its second medal in the track and field events.
- ❖ Praveen Chitravel is son of a farm labour from Thanjavur.



- ❖ Praveen was trained by Indira Suresh, an athletics coach at the Centre of Excellence for Boys in Chennai under Sports Development Authority of India.

e-Visa on arrival – Madurai Airport

- ❖ e-Visa on arrival facility has been introduced at Madurai International Airport.
- ❖ Madurai airport is the fourth airport in Tamil Nadu and 26th in the country to get such a facility.
- ❖ Earlier, the visitors had to go to the Indian high commission in their respective countries to get the work done.
- ❖ Visitors now can apply online, minimum of four days and a maximum of 120 days before the trip.

PBR – Tamilnadu

- ❖ Tamil Nadu plans to make available the People's Biodiversity Registers (PBR) online.
- ❖ It is an effort to protect its natural resources as well as traditional knowledge of its people.
- ❖ It will be the first in the country to make the inventory of valuable natural resources online.

TAKING STOCK

- People Biodiversity Register is a document recording details about local plants, domesticated animals, wildlife, herbs and other biological resources
- Registers are prepared over a period of one year, covering all seasons
- The register also records information about people with traditional knowledge and their association with the biodiversity
- TN plans to upload the register so that any correction, addition or deletion can be done quickly

- ❖ Making an inventory of animals and plants is mandated by the National Biological Diversity Act of 2002.

- ❖ The register apart from covering plants, herbs and wildlife, also covers cropland, fruit plants, fodder crops, people's scape, landscapes and waterscapes.

NATIONAL

NCR Mobile Applications

- ❖ The North Central Railways (NCR) has launched two mobile apps,
 - 'NCR RASTA' - for its employees
 - 'Yatri RASTA' - for its passengers
- ❖ The 'NCR RASTA' (Railway assets Summarised Tracking Application) app is for the use of railway officers and staff and has exact mapping of all railway assets.
- ❖ 'Yatri RASTA' (Railway Approach to Station Tracking Application) app will allow general public to locate the railway stations easily.

INTERNATIONAL

Hong Kong-Zhuhai-Macao Bridge

- ❖ The world's longest sea bridge - Hong Kong-Zhuhai-Macao Bridge will be open for traffic on October 24.



- ❖ The 55-kilometer-long bridge, situated in the Lingdingyang waters of the Pearl River Estuary, will be the world's longest sea bridge.
- ❖ It spans the Lingdingyang channel, which connects Hong Kong with Macau and Zhuhai, three major cities on the Pearl River Delta.



- ❖ The Hong Kong–Zhuhai–Macau Bridge (HKZMB or HZMB) is a bridge–tunnel system, which consists of a series of three cable-stayed bridges and one undersea tunnel, as well as 2 artificial islands.

Amphibious aircraft - China

- ❖ China's indigenously designed and built amphibious aircraft AG600 successfully carried out its first take-off and landing test.



- ❖ The aircraft is code-named as Kunlong.

PERSONALITIES, AWARDS AND EVENTS

WSA - Sajjan Jindal

- ❖ Sajjan Jindal has been elected as treasurer of World Steel Association (world steel)
- ❖ Sajjan Jindal is founder of JSW Steel Ltd.



- ❖ The association has also appointed T.V.Narendran (Managing Director of Tata Steel), and L.N.Mittal (Chief of Arcelor Mittal) as its members.

IMPORTANT DAYS

National Solidarity Day – 20 October

- ❖ The National Solidarity Day is observed every year on October 20 in India.
- ❖ The day is observed in our country to honour the Armed forces, who guard our extensive borders.
- ❖ On October 20, 1962, China started attacking India and the Sino-Indian War started.

World Osteoporosis Day - 20 October

- ❖ World Osteoporosis Day (WOD) is observed on the October 20 annually to promote worldwide awareness of osteoporosis and fragility fractures.
- ❖ The day aims to create awareness about the prevention, diagnosis and treatment of osteoporosis
- ❖ The day was launched on October 20th, 1996. Since 1997, it has been organised by the “International Osteoporosis Foundation”.
- ❖ In 1998 and 1999, the World Health Organization acted as co-sponsor of World Osteoporosis Day.
- ❖ Osteoporosis is a disease in which bones become weak and brittle and increases the risk of the breakage.

MISCELLANEOUS

H-1B visa holders in 2018

- ❖ According to the U.S. Citizenship and Immigration Services (USCIS) report, nearly three out of every four H-1B visa holders as of October 5 are Indian citizens.
- ❖ The report reveals a massive gender disparity — only one out of every four H-1B visa holders is female.
- ❖ Gender disparity is wider among Indians.
- ❖ Indians, who account for 73.9% of the total H-1B visa holders in the U.S., are followed by Chinese.

❖ After India and China, Canada and South Korea follows the list.
