

September - 30

## TNPSC BITS

- ❖ 50<sup>th</sup> Edition of World Economic Forum (WEF) Annual Meeting for 2020 will be held in Davos-Klosters, Switzerland from January 21-24, 2020.
- ❖ The Women and Child Development and Mission Shakti Department of Odisha unveiled a mascot named “Tikki Mausi” in collaboration with the United Nations Children’s Fund (UNICEF) for nutrition awareness purpose.
  - This mascot name “Tikki Mausi” is referenced to second mother of a child.
- ❖ Suresh Chitturi, Vice Chairman of Indian poultry firm Srinivasa Farms was appointed as the new Chief of the International Egg Commission for a 2-year tenure.
  - He is the first Chief from Asian region to this organization.

## NATIONAL

### CPGRAMS reforms in Department of Posts

- ❖ Minister of State in the Ministry of Personnel, Public Grievances and Pensions Dr. Jitendra Singh unveiled the Centralised Public Grievances Redress and Monitoring System (CPGRAMS) reforms in Department of Posts.
- ❖ The new CPGRAMS 7.0 version by Department of Administrative Reforms and Public Grievances (DARPG) can be accessed through [www.pgportal.nic.in](http://www.pgportal.nic.in).
- ❖ It is the platform which receives, redresses and monitors grievances from the public.
- ❖ It will cut processing time by 50% in the Department of Posts.



### **7<sup>th</sup> World Hindu Economic Forum 2019**

- ❖ A 3-day event of 7th World Hindu Economic Forum (WHEF) 2019 held at Mumbai.
- ❖ Theme of the Forum is “Prosperous Society: Stronger Society”.
- ❖ It aims to bring together financially successful members in Hindu society such as such as traders, bankers, technocrats, investors, industrialists to share business knowledge, expertise and resources with their fellow members.



## Top plastic exporter

- ❖ Gujarat has emerged as a leader in plastic exports from India with a big share of 45% in the national exports.
- ❖ 60% of India's total exports come from Gujarat and Maharashtra, which are followed by Madhya Pradesh, West Bengal and the Union territories of Daman and Diu as well as Dadra and Nagar Haveli.
- ❖ Being the 17th largest plastic exporter in the world, India exported US\$8 billion worth plastic goods in the financial year 2019.

## STATE-WISE PLASTIC EXPORTS

State	Exports (USD/bn)	Annual growth (%)
Gujarat	3.6	33
Maharashtra	1.3	8
West Bengal	0.60	39
Tamil Nadu	0.26	4

Source: Drip Capital



## INTERNATIONAL

### 21<sup>st</sup> FAO-WHO Coordinating Committee of Asia for 2019

- ❖ The 21st session of the Food and Agriculture Organisation (FAO) and World Health Organisation (WHO) Coordinating Committee of Asia for 2019 was held at Goa.
- ❖ It was the second session of the Coordinating Committee in Asia.
- ❖ The aim of the session was to identify issues and explore best practices in food safety at primary production in the region and delegates from 18 member countries participated in the session.
- ❖ It was organized by the Food Safety and Standards Authority of India (FSSAI) in collaboration with the WHO and FAO of the United Nations (UN).





### 8<sup>th</sup> continent - “Greater Adria”

- ❖ Geologists from Netherlands, have discovered a new continent named “Greater Adria” in the Mediterranean region under Europe.
- ❖ This Greater Adria island is a piece of continental crust in the size of Greenland.
- ❖ It once separated from North Africa and plunged into the Earth’s mantle under Southern Europe.
- ❖ It took Greater Adria 120 million years to be found by mankind.
- ❖ The only remaining part of this continent is a strip that runs from Turin, Italy via the Adriatic Sea in the Italian peninsula, hence the name “Greater Adria”.





## SCIENCE AND TECHNOLOGY

### New mineral discovery

- ❖ Researchers from University of Alberta's Diamond Exploration Research and Training School, Canada discovered a new mineral named 'Goldschmidtite' - O3.
- ❖ It was discovered inside a diamond from a mine - Koffiefontein pipe in South Africa run by De Beers.
- ❖ It is named goldschmidtite in honor of Victor Moritz Goldschmidt, the founder of modern geochemistry.
- ❖ It was estimated that the mineral was formed about 170 kilometers beneath Earth's surface, at temperatures reaching nearly 1200° C.

### New Jupiter like planet - GJ 3512 b

- ❖ Astronomers discovered a gas giant Jupiter-like planet named "GJ 3512 b".
- ❖ It is a giant planet with a mass about half as big as Jupiter's.
- ❖ It is orbiting a dwarf star, located about 30 light-years from the sun.
- ❖ The red dwarf star has a mass about 12% of the sun.
- ❖ According to current theories, this planet shouldn't exist.

**MYSTERY EXOPLANET**

The planet GJ 3512b is not supposed to exist. It's so big compared to its star that it can't have formed in the way we think most planets do.

GJ 3512	GJ 3512b
● Red dwarf star	● Gas giant planet
● Mass 12% of Sun's	● Mass 46% of Jupiter's
● 31 light-years from Earth	● 204-day orbit

## **Second interstellar object - 2I/Borisov**

- ❖ According to the International Astronomical Union (IAU), a second interstellar object named 2I/Borisov has been discovered in the solar system.
- ❖ It was discovered by astronomer Gennady Borisov from MARGO observatory, Crimea.
- ❖ It looked like a comet from a 0.65-metre telescope built on his own.
- ❖ It has an orbit as hyperbolic.
- ❖ It was formerly known as C/2019 Q4.
- ❖ The first interstellar object was 1I/Oumuamua.
- ❖ An interstellar object is an astronomical object- an asteroid, comet or possibly planet, but not a star or substar which is located in interstellar space.

## **ENVIRONMENT**

### **New species of Cat snakes**

- ❖ A new species of snake called Thackeray's Cat Snake (scientific name *Boiga thackeray*) has been found in Sahyadri tiger reserve in Koyna area of Maharashtra after 125 years.



- ❖ This species usually falls in the category of cat snake or cat-eyed snakes and belongs to the genus *Boiga*.
- ❖ These snakes belonging to this genus are found all over India, but some species are found only in the Western Ghats.
- ❖ It was named after researcher Tejas Thackeray, son of Uddhav Thackeray.



## **PERSONALITIES, AWARDS, AND EVENTS**

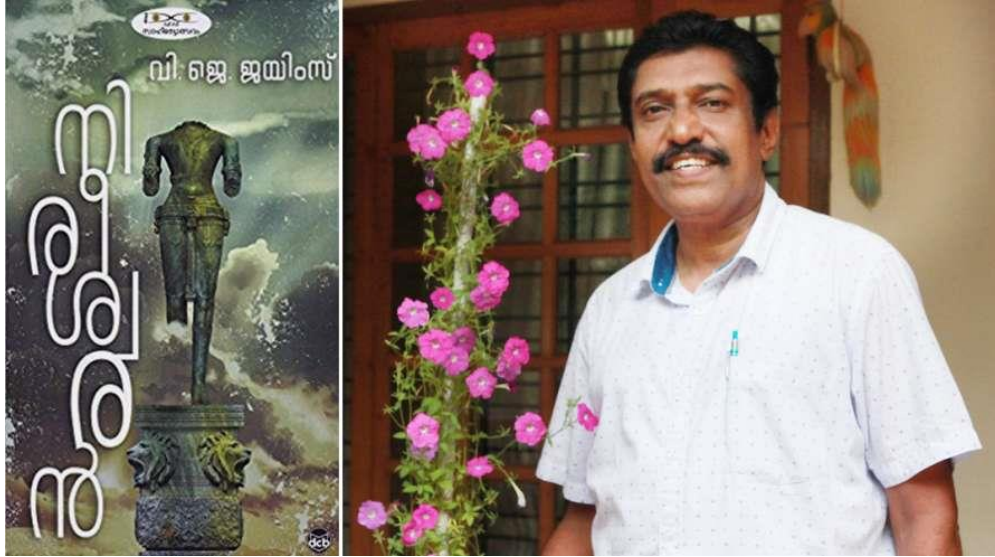
### **31<sup>st</sup> Punyabhushan Award**

- ❖ The Vice President presented 31st Punyabhushan Award for 2019 to eminent Archeologist, Dr. G.B. Deglurkar.
- ❖ It gave recognition of his immense contribution in the field of Archaeology.
- ❖ The event was organised by Pune based Punyabhushan Foundation.
- ❖ This award is awarded every year to an eminent personality from the field of art, music, culture, science, industry, social service, or sports.
- ❖ It was first awarded in 1989.



### **Vayalar Ramavarma Memorial Literature Award 2019**

- ❖ Writer V.J. James has been selected for the 43rd Vayalar Ramavarma Memorial Literary Award for his novel Nireeshwaran.
- ❖ The prestigious award was instituted by the Vayalar Ramavarma Memorial Trust in memory of the revered poet.
- ❖ It is given for the best literary work in Malayalam.
- ❖ The award was instituted in 1977.



## IMPORTANT DAYS

### World Rivers Day - September 22

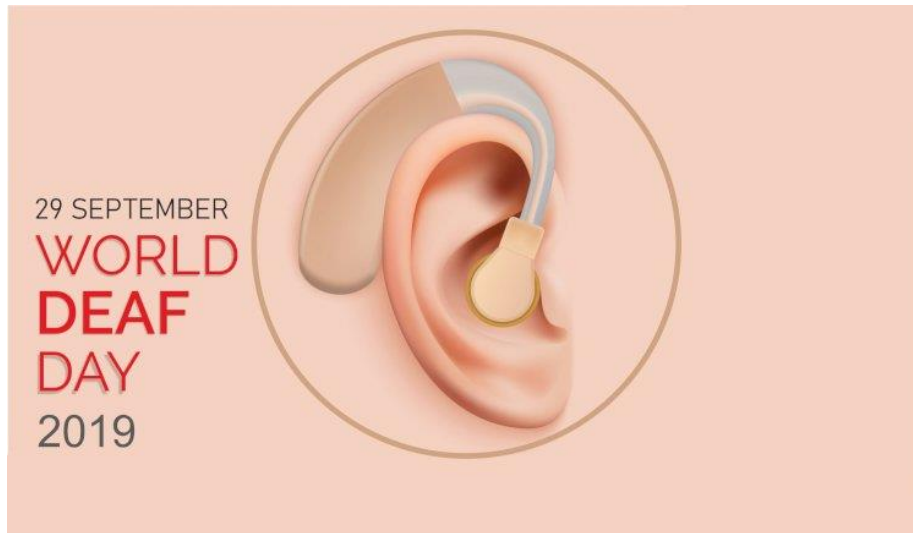
- ❖ World Rivers Day is celebrated on the fourth Sunday of September.
- ❖ It is a day to celebrate world's waterways.
- ❖ This year, World Rivers Day was observed on September 21.
- ❖ The theme of 2019 is "Day of Action for Rivers".
- ❖ The day was first celebrated in 2005.
- ❖ In 2005, the United Nations launched the "Water for Life Decade" for a greater awareness of the need to take care for our water resources.





### **World Deaf Day – September 29**

- ❖ World Deaf Day (WDD) which is usually observed every year on the last Sunday in the month of September.
- ❖ This year it was observed on September 29.
- ❖ It aims to create awareness about the contributions of deaf people to society.
- ❖ The day was initiated by the World Federation of the Deaf (WFD) headquartered in Helsinki, Finland.



### **International Translation Day - September 30**

- ❖ International Translation Day is celebrated every year on 30 September.
- ❖ It celebrates the feast of St. Jerome, the Bible translator who is considered the patron saint of translators.
- ❖ On May 24, 2017, The United Nations General Assembly has passed a resolution as declaring September 30 as International Translation Day.



**INTERNATIONAL  
TRANSLATION DAY**  
30 SEPTEMBER 2019

