

July - 08

TNPSC BITS

- ❖ The U.N. Security Council will hold a first-ever meeting on the threats of Artificial Intelligence (AI) which is organized by the United Kingdom.
- ❖ Indian tennis player Yuki Bhambri won his maiden title on the ATP World Tour.
- ❖ For the first time in 48 years the ICC Cricket World Cup, West Indies have failed to qualify for the 2023 ODI World Cup after losing to Scotland.
- ❖ The 108th Zoological Survey of India (ZSI) Day celebrated a three-day programme with Special Focus on 'Mission Life' in Kolkata.

TAMIL NADU

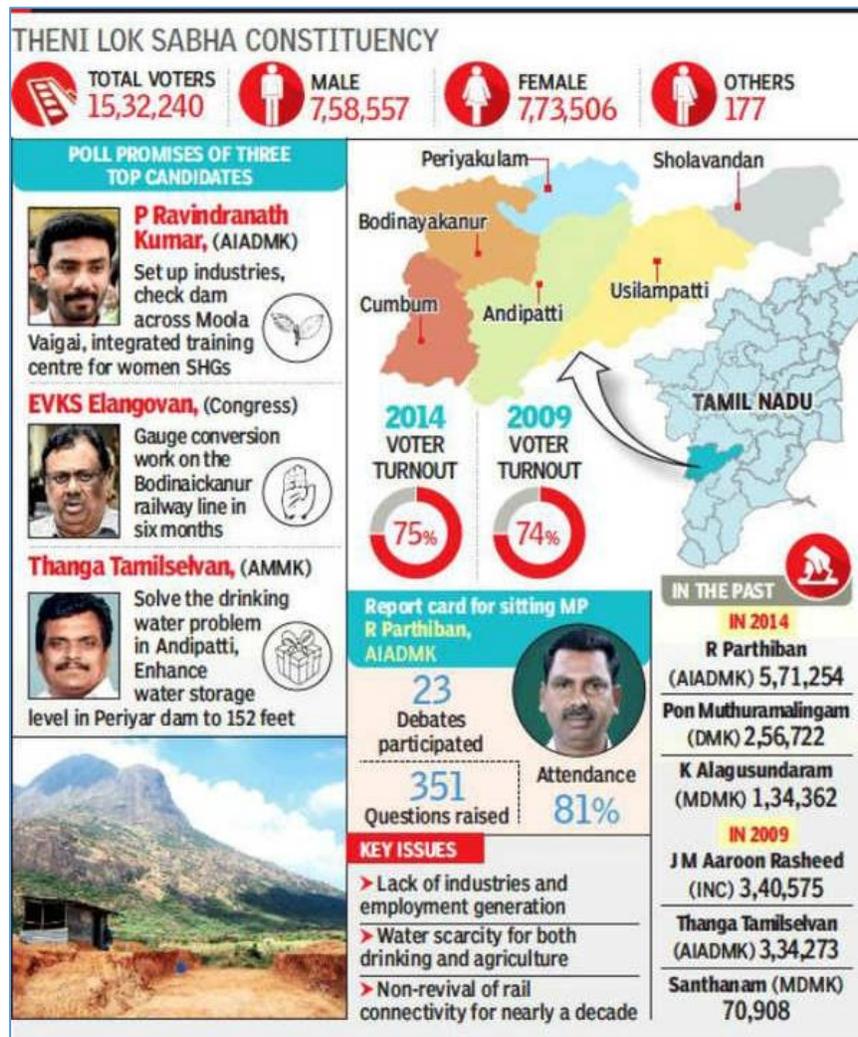
Tamil Nadu Power Fences (Registration and Regulation) Rules 2023



- ❖ The State government has notified the first-ever Tamil Nadu Power Fences (Registration and Regulation) Rules 2023.
- ❖ This would standardize and regulate erection of power fences (including Solar) within a 5 kms radius of forest areas.
- ❖ The new rule would also standardise and regulate already erected power fences around farmlands.
- ❖ It is mandatory to seek prior permission to erect power fences including solar fences and register already elected fences.

- ❖ The rule will be applicable only within 5 km of a notified reserve forest area.
- ❖ All companies in business of erecting power fences are now mandated to comply with BIS standard viz., BIS-302-2-76 (India) norms.
- ❖ The District Forest Officer (DFO), after inspecting the site and verifying the conformity of specifications along with Tamil Nadu Electricity Board officials, would consider an application within 45 days for approval, reduction or rejection.

2019 election of Theni MP



- ❖ The Madras High Court on Thursday, July 6, 2023 declared as null and void, the election of P. Ravindranath Kumar from the Theni Parliamentary constituency in 2019.
- ❖ It has been challenged the MP's election on various grounds including suppression of his sources of income in the election affidavit submitted at the time of filing nominations.

- ❖ It also challenged on the grounds of the alleged bribing of voters during the course of campaigning.

NATIONAL

New Delhi Declaration – SCO



- ❖ The Indian government coined the New Delhi Declaration and proposed at the SCO Summit, aiming to fight against terrorism.
- ❖ The Shanghai Cooperation Organisation (SCO) member nations adopted the New Delhi Declaration.
- ❖ The Declaration also proposes four other joint statements on de-radicalisation, sustainable lifestyle to tackle climate change, production of millets and digital transformation.
- ❖ Russia supports the New Delhi declaration which gives a consolidated approach to international issues.
- ❖ Meanwhile, Pakistan's Shahbaz Sharif warned against the use of terrorism as a 'bat for diplomatic point-swearing'.

ENVIRONMENT

Diversity for Restoration (D4R) tool

- ❖ Diversity for Restoration (D4R) tool is devised by Bioversity International.

- ❖ The online tool precisely aims to help better decision-making and bring the best outcome for those plantation programmes.
- ❖ It could improve socio-ecological perspectives and help stakeholders in decision.
- ❖ The tool has information about 100 plant functional traits that have been considered to offer the best possible solution.
- ❖ The tool informs the user whether the tree species offers timber, fruit, manure or other commercial benefits.
- ❖ It also informs if the tree is resilient to physiological stresses such as extreme high or low temperatures, salinity or acidity tolerance in the soil among others.
- ❖ The tool is already being used in countries such as Malaysia, Ethiopia, Columbia, Peru, Burkina Faso, Cameroon etc.



Animal Discoveries - New Species and New Records 2023



- ❖ India added 664 animal species to its faunal database in the year 2022.
- ❖ These comprise 467 new species and 197 species found in India for the first time.
- ❖ The country also added 339 new plant taxa – 186 taxa that are new to science and 153 taxa as new distributional records from the country in 2022.
- ❖ Among the major fauna species discovered are three new species and one new record of mammals; two new records of birds; 30 new species and two new

records of reptiles; six new species and one new record of amphibia; and 28 new species and eight new records of fish.

- ❖ The maximum number of new faunal discoveries has been of invertebrates with 583 species, while vertebrates constitute 81 species.
- ❖ Insects dominate among invertebrates with 384 species.
- ❖ In 2022, the maximum (82) new discoveries were recorded from Kerala.
- ❖ Karnataka is followed with 64 new species and 24 new records accounting for 13.2%.
- ❖ Tamil Nadu saw 71 new discoveries and 13 new records contributing to 12.6% of all the new discoveries and new records in the country.
- ❖ Plant Discoveries 2022' contains an enumeration of 339 taxa, which have been added to the Indian flora during 2022.
- ❖ These comprise 319 species, and 20 infraspecific taxa as new to the Indian flora.

REPORTS AND INDICES

India - Childhood Diabetes and Fatalities

TYPE 1 DIABETES: CAUSES & SYMPTOMS

Causes | Genetic, adulterated food, diet changes, pollution and stress

Symptoms | Frequent urination, stomach ache, hunger, dehydration

Prevention
Test pregnant mothers, young people should adopt a healthy diet, exercise and learn to manage stress



Regular testing | Monthly tests advised to prevent complications

Type 1 onset | Early teens

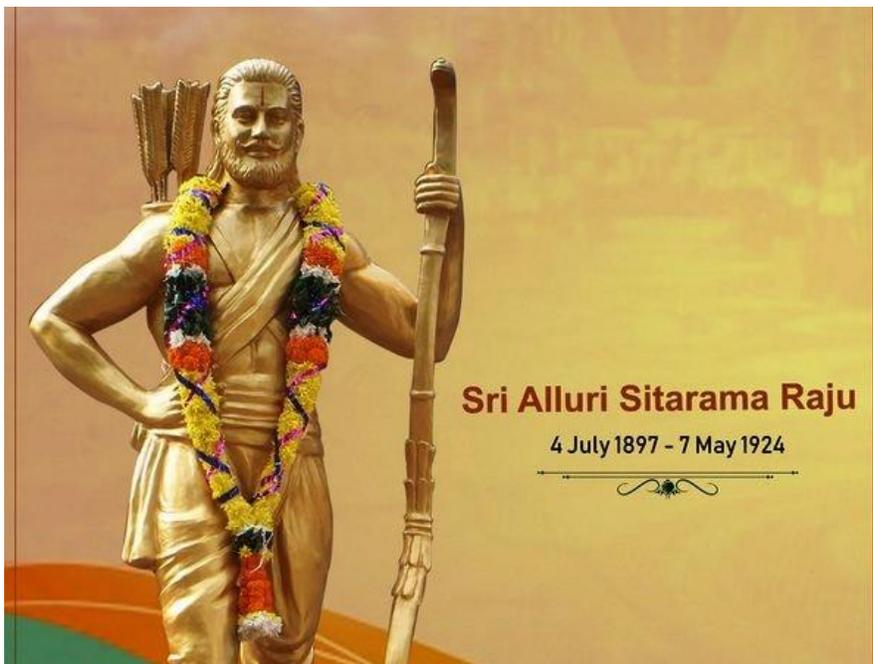
Type 2 onset | Generally around 40

- ❖ India saw the highest number of childhood diabetes cases and deaths in 2019 in the world.
- ❖ The study was published in the journal JAMA Network.
- ❖ The country also has the highest disability-adjusted life-years (DALY).

- ❖ One DALY represents the loss of the equivalent of one year of full health, according to the World Health Organization.
- ❖ Globally, in 2019, there were 227,580 cases of childhood diabetes, 5,390 deaths and 519,117 DALYs.
- ❖ This represents a 39.4 per cent increase in incident cases since 1990.
- ❖ The largest increase in cases (52.06 per cent) was recorded in children aged 10 to 14 years.
- ❖ The smallest increase (30.52 per cent) in those aged between 1 and 4 years.
- ❖ The incident rate in India was 10.92 and 11.68 in 1990 and 2019, respectively.
- ❖ In contrast, the global number of diabetes-associated deaths in children dropped by 20 per cent to 5,390 in 2019 from 6,719 in 1990.

PERSONALITIES, AWARDS, AND EVENTS

125th Birth Anniversary of Alluri Sitarama Raju



- ❖ The Alluri Sitarama Raju statue was unveiled to mark the 125th birth anniversary of Alluri Sitarama Raju at Bhimavaram of West Godavari district of Andhra Pradesh.
- ❖ Alluri Sitarama Raju was popularly known as 'Manyam Veerdu' (Hero of the Forest).
- ❖ He organised local Adivasis in forest areas of Visakhapatnam and East Godavari districts into a potent force, for launching a frontal attack.

- ❖ He kept fighting for the rights of the tribal society till his martyrdom.
- ❖ In 1924, he was captured by the British and executed.

Hul Diwas

- ❖ Hul Divas is observed annually on June 30 in memory of tribal leaders Sidho and Kanhu Murmu.
- ❖ They led the Santhal hul (rebellion) on June 30, 1855, at Bhognadih in Sahebganj district (now Jharkhand).
- ❖ This is often referred to as “the first war for Indian independence”.
- ❖ The rebellion took place in the lush Damin-i-Koh region – ‘Damin-i-Koh’.
- ❖ The Santal people or Santalis – were not the original inhabitants of modern day Santhal Pargana.
- ❖ They had migrated from the Birbhum and Manbhum regions (present-day Bengal), starting around the late 18th century.

