

**GROUP I PRELIMS CURRENT AFFAIRS**  
**ENGLISH VERSION**

**Part I**

**(Part II Coming Soon)**

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Novemebr

**Conduct : 7708174460**

## **GROUP I PRELIMS CURRENT AFFAIRS**

### **Part I**

<b>TOPICS</b>
<b>TAMIL NADU</b>
<b>STATES</b>
<b>INDIA</b>
<b>INDIA &amp; WORLD</b>
<b>WORLD</b>
<b>ECONOMY</b>
<b>DEFENCE</b>
<b>BOOKS, REPORTS &amp; INDEX</b>
<b>SUMMITS</b>
<b>SCIENCE &amp; TECHNOLOGY</b>
<b>AWARDS</b>
<b>PERSONALITIES</b>
<b>SPORTS</b>
<b>DAYS</b>

## TAMIL NADU

### ❖ G-pay and paytm facilities in PDS shop in Tamil Nadu:

In a bid to facilitate easy payments in Public Distribution System (PDS) shops, the State Cooperation Department announced that UPI mode of payment will be introduced in the PDS shops.

No of PDS shop in TN – 33,377

### ❖ Inter-linking of river projects:

The linking of **Tamirabharani – Karumeniyar – Nambiyar**, to take the surplus waters to the southern regions of Tirunelveli and Thoothukudi districts by digging a 73-km-long flood carrier channel.

Project cost – Rs 872.45 crore

### ❖ TAMIL NADU EXPORTS:

3<sup>rd</sup> Largest Exporting State in India.

9.25% Constitutes of overall India's Exports.

USD 30.5 bn Overall Export Volume.

*CII 13th* edition of *MSME* Summit – karur.

Theme – “Rebuilding *MSMEs* for Sustain Development”

#### **Tamil Nadu Industry:**

In India, 15% of industry located in Tamil Nadu

3<sup>rd</sup> position in industrial growth rate in india.

Schemes: NEEDS Scheme

Self-Employment Programme for Youth (SEPY)

Prime Ministers Employment Generation Programme (PMEGP)

### ❖ TN educational schemes:

1. Pudhumai Penn scheme.

2. 26 school of excellence

3. 15 model schools.

School of excellence and model schools, emulating the model implemented by Delhi government.

### ❖ “Pudhumai Penn” scheme:

September 05 (Teacher's day)

Moovalur Ramamirtham Ammaiyar Higher Education Assurance Scheme titled as Pudhumai Penn Scheme.

**Eligibility:**

All girls who studied from class VI to XII in government schools would be paid RS 1000 a month till they complete their undergraduate degree, diploma and ITI courses.

Rs 698 crore allocated 2022-23 budget for the scheme.

**Benefits:**

Enrolment of girls belonging to govt schools

Promote higher education among girls belonging to the economically weaker section.

Promote women empowerment.

**❖ TN reiterates plea for a Bench of Supreme Court in Chennai:**

Article 130 - The Supreme Court shall sit in Delhi or in such other place or places, as the Chief Justice of India may, with the approval of the President, from time to time, appoint.

**TN demand:**

1. Reiterates plea for a Bench of Supreme Court in Chennai.
2. Allowing tamil to be used in madras high court as one of it official language.
3. Representation of all sections in the appointment of judges.

**❖ TNUHDB set aside 5% of houses for the differently abled:**

5% of houses for the differently abled people living below poverty line.

Houses to be allocated on ground floor with ease of access.

Preferential allotment mandated under Rights of Persons with Disability Act, 2016.

TNUDB, formerly known as Tamil Nadu Slum Clearance Board – 1970.

formed by Tamil Nadu Slum Areas (Improvement & Clearance) Act 1971.

Main function of the board is to eradicate slums and provide hygienic tenements in Tamil Nadu.

**❖ State Film Awards:**

TN government presented for Films and Television shows released between 2009 – 2014.

Awards were announced for 314 film and television personalities.

1967 – Film Awards were instituted.



❖ **NCRB – CRIME IN INDIA 2021 Report:**

Tamil Nadu has the highest number of elderly people among murder victims.

Tamil Nadu also ranks on top in terms of the rate of murders involving the elderly.

Tamil Nadu ranks 7<sup>th</sup> in terms of the total number of murder cases.

**Elderly in India 2021** – Ministry of Statistics and Programme Implementation.

Tamil Nadu elderly population 13.6%, second highest in india after kerala(16.5%).

Tamil Nadu Policy on Senior Citizen 2022.

❖ **TN Police – special team to monitor Social-Media:**

To monitor and curb the circulations of misinformation and rumours on social media and thereby create confusion, unrest, violence and defame the police forces.

To quickly detect the perpetrators of sexual offences, sale of drugs, financial frauds through cyber space.

Work under cyber-crime wing.

❖ **Chief Minister's State Sports Award:**

TN announced the awards for outstanding sportspersons for 2018-19 and 2019-20.

Also Awards for best coaches, best physical directors/physical education teachers, referees.

❖ **Department of Tamilology in JNU:**

First of its kind, a department of tamilology in JNU.

TN govt sanctions Rs 5 crore assistance.

Tamil chair was established in 2007.

❖ **TN request to union govt ban import of single-use plastic lighter:**

Matchbox manufacturing industry, a major source of employment in southern Tamil Nadu.

This plastic cigarette lighters result in immense plastic waste, are made of environmentally damaging plastics.

Sivakasi – the city is known for fire works, match box, and offset printing.

70% of fireworks and matches produced from this city alone.

In matchbox production, women participate 90% employment either directly or indirectly.

❖ **Vallalar:**

Sathya Gnana Sabhai, founded by saint Ramalinga Adigal in 1867. The dharma salai feeds over 2000 persons daily.

TN government set up a committee to celebrate the 200<sup>th</sup> birth anniversary of vallalar, who was born in maruthur near Chidambaram on October 5 1823.

His poem Thiruvavutpa is divided into six Tirumuraigal.

❖ **V.O.Chidambaram Pillai(1872-1936):**

VOC, whose 150<sup>th</sup> birth anniversary was observed on September 05.

VOC also known as Kappalottiya Tamilan(the tamil helmsman) Indian freedom fighter and former leader of the Indian National Congress.

He founded the Swadeshi Steam Navigation Company in 1906 to compete against the monopoly of the British India Steam Navigation Company.

❖ **Diphtheria cases in TN:**

Diphtheria - Serious infection caused by strains of bacteria called *Corynebacterium diphtheriae* that make toxin.

Immunisation – at five to six years for DDT booster and at 10 and 16 years for TD which is essential to prevent diphtheria.

❖ **Nanjarayan Bird Sanctuary:**

17<sup>th</sup> bird sanctuary in Tamil Nadu

Located in Tiruppur district

Enforce all environmental protection laws applicable to a protected area in the tank.

❖ **TN CM launches ‘SIRPI scheme’:**

‘Students in Responsible Police Initiatives’ for students of 100 state run schools.

Nearly 5000 (2700 boys & 2300 girls) students will get sports, parade, and fitness training

Aims to inculcate discipline and social awareness among students.

To create awareness among students on the ill effects of drugs and alcoholism.

To create awareness among students on law

❖ **September 15 – Arignar Anna 114<sup>th</sup> birth anniversary:**

Founder of DMK party.

Former CM of Tamil Nadu.

❖ **TN CM launches Breakfast Scheme:**

Launch of CM Breakfast Scheme' at the corporation primary school, Aathimoolam in Madurai.

1.14 lakh children from 1545 schools will benefited at cost of Rs12.75 per day / per child.

Breakfast scheme allowed to primary school from class 1 to class 5.

**History of Mid Day Meal scheme:**

Ayodhidasa Pandithar was the first to express the noble intention of providing food to school children along with education.

120 years ago, Justice party leader Sir Pitti Thiagarayar passed a resolution to introduce mid day meal scheme for children in Chennai corporation.

A few months before india's independence the meal scheme was discontinued by the british government citing financial crisis.

In 1956 kamarajar started Mid Day Meal scheme

In 1971 Nutritional Meals Programme

In 1975 Integrated Nutritional Programme

Benefits of breakfast scheme:

Improves the learning ability of students and increase attendance.

❖ **Manufacturing in State surpasses pre-COVID level:**

The level of activity in manufacturing , accounting for nearly 20% of GSDP of tamil nadu.

10.45% growth of GSVA (Gross Value State Added) in 2020-21

**Sectoral growth:**

Industry – 9.17%

Services – 6.83%

Agriculture – 4.18%

❖ **Tamil Nadu Economy Q1-FY2023:**

State's tax revenue rose by over 50% and Non tax revenue grew by 74%.

State's inflation is at 5%, when compared with national level 7%

State's net market borrowing has been down about 57%

Fiscal Deficit will be brought down range of 3.25-3.45% from the projected range of 3.8% for 2021-22.

❖ **Spreading of H1N1 influenza in TN:**

**H1N1 Virus:**

Swine flu is a highly contagious respiratory disease in pigs caused by one of several swine influenza A viruses.

swine influenza virus can be transmitted to humans via contact with infected pigs or environments contaminated with swine influenza viruses.

Symptoms are cough, fever, soar throat, stuffy or runny nose, headache, body ache etc.

❖ **September 17 – Social Justice Day:**

Tamil Nadu celebrate Periyar birth anniversary as Social Justice Day.

❖ **Thol Koduppom Thozhilukku Madurai Regional Conference:**

TN CM inaugurating new schemes to facilitate faster development of micro, small and medium enterprises

Online facility for registration and cancellation of MoDs.

MoDs - Memorandum of Title Deeds is an undertaking given by the borrower stating that you are depositing your property title documents with the bank at your own will in return for a loan.

TIDEL Park will be established in Madurai at cost of 600cr.

❖ **Keeladi's Konthagai Excavation:**

Eighth phase of the excavation is being carried out at Konthagai which is part of Keeladi

First time, highest number of offering vessel excavated at the village

Paddy husks found in such vessels will help in determining age of object.



❖ **Tamil Nadu drafts guidelines to prevent e-Vehicle fire accidents:**

Drafted by Tamil Nadu Fire and Rescue Services Department.

Buyers asked to follow manufacturer's instruction for charging and storage

Use prescribed cord and power adapter guidelines give safety tips for transporting e-bikes

❖ **Green Tamil Nadu Mission:**

1. Green Tamil Nadu Mission aims in increasing the state's tree and forest cover from 23.69% to 33%.
2. 73 lakhs seedlings have been raised and handed over to Department of Agriculture.
3. 260 nurseries in 43 forest division throughout the State.
4. State Green Committee & District Green Committee for protection & management of trees.

Government policy to strike a balance between nature and development.

Mission pays attention to planting of trees and protection of forests.

❖ **Tamil Parappurai Kazhagam:**

CM launches Tamil Parappurai Kazhagam

To teach the tamil diaspora to read and the tamil language

Tamil textbooks in 24 languages for level one also released.

Tamil Diaspora:

Large number of people living in 30 countries while small groups living in 60 countries.

❖ **Jain heritage site in Tamil Nadu – damaged or vandalised:**

Sittanavasal cave temple, Pudukottai district.

Only place in tamil nadu where available Pandya paintings.

Arivar kovil (temple of Arihats – jains who conquered their senses), Ezhadipattam, Megalithic burial sites...

Artha mandapam of arivar kovil is an early example of post-Ajanta cave painting of 4-5<sup>th</sup> century, done using frescos secco technique.

❖ **Tamil Nadu – ordinance to stop Online Gambling:**

TN govt second attempt to bring in legislation against online gambling.

Reasons:

Following recurring incidents of suicide by people who apparently lost their money to online gambling.

Impacts of online gambling on school students

Committee:

**Justice K. Chandru panel** - to advice on the enactment of a fresh legislation online games.

**Ordinance:**

In state, Governor has power to implement ordinance when the session not held in assembly.

**Article 213** provides governor have a power to promulgate ordinances during recess of legislature.

#### ❖ **Nilgiri Blue Robin/Nilgiri Sholakili:**

Listed on the endangered list by the IUCN

Found in high altitudes of the Shola forests.

Endemic bird, highly restricted to only Shola-forest habitat

#### **IUCN: - International Union for Conservation of Nature**

International organization working in the field of nature conservation and sustainable use of natural resources.

HQ – Gland, Switzerland.

Founded in 1948

#### ❖ **TN Tourism Department issued guidelines:**

Issued guidelines for registration of caravan tour operators and caravan Park operators, adventure tourism operators, and camping operators.

To mark World Tourism Day – on September 27

Theme – “Rethinking Tourism”

Tamil Nadu tops in both domestic and international tourist arrival.

#### **TTDC – Tamil Nadu Tourism Development Corporation**

Formed in July 1971

To promote tourism and the development of tourist-related infrastructure.

#### ❖ **5 recognised breeds of Tamil Nadu:**

*Kangayam, Umblachery, Puliyanikulam, Alambadi, and bargar*

Kangayam is the first recognised in 1920s

ICAR-National Bureau of Animal Genetic Resources (ICAR-NBAGR)  
Karnal, Haryana.

❖ **Schemes to spread tamil:**

1. **Thisaidhorum Dravidam**

To identify and translate tamil literary works into English and other Dravidian languages.

2. **Muthamizh Arignar Mozhipeyarppu Thittam (MAMT)**

To translating technical books into Tamil.

3. **Ilanthalir Ilakkiya Thittam**

Aimed at attracting children categorised in different age groups.

It is an initiative of the *Tamil Nadu Textbook and Educational Services Corporation (TNTB&ESC)*.

❖ **Maligaimedu:**

Archaeological excavation at **maligaimedu near Gangaikondacholapuram**

Ancient city that **King Rajendra Cholan I (1012-1044)** had built after his victorious expedition up to gangetic plains.

Found broken piece of bracelet, made of gold and silver, a figurine made up of ivory and a copper coin

Chinese ware, iron nails and broken piece of copper objects.

Massive brick structure found.

**Gangaikonda cholapuram:**

Capital of cholas for about 250years from about 1025 CE.

1000 years ago destroyed during the Pandya invasion.

## **STATES**

### ❖ **Nehru Trophy Boat Race:**

Held in punnamada lake in Alappuzha.

68<sup>th</sup> edition of NTBR.

Mahadeviladu kattil thekkethil chundam (snakeboat) won the prize.

### ❖ **Jharkhand CM wins trust vote:**

Jharkhand CM – Hemant Soren.

Capital – Ranchi.

According to the **Article 164** of the Indian Constitution, the council of ministers shall be collectively responsible to the Legislative Assembly of the State.

### ❖ **Indira Gandhi Urban Employment Guarantee Scheme:**

Launched by Rajasthan CM Ashok Gehlot.

The employment guarantee in all the cities of rajasthan.

100 days of employment in a year to interested families.

Ensure employment in the urban areas to provide economic support to the families especially the economically weak, helpless and unemployed people, on the lines of MGNREGA.

### ❖ **Sports policy 2022:**

Launched by Jharkhand government

Capital - Ranchi

CM - Hemant Soren

### ❖ **Semiconductor project in Gujarat:**

Vedanta Ltd and Taiwan's Foxconn will invest \$19.5 bn

India's first ever large semiconductor production facility

Gujarat:

Capital – Gandhi Nagar

CM – Bhupendrabhai Patel

### ➤ **Tiwa Tribe – Assam:**

Langkhon Festival – Annual festival, farmers pray for a good harvest.



### ❖ September 17 – Hyderabad Liberation Day:

On September 17, 1948 the Nizam of Hyderabad Mir Osman Ali Khan, had surrendered in the wake of Operation Polo (launched on September 13, 1948), the Military Invasion of Hyderabad by Indian forces.

### ➤ Girijana Bandhu scheme:

Launched by Telangana government

On the line with Dalit Bandhu Scheme, by giving Rs 10lakh each to ST family not having any landholding or any livelihood activity.

Telangana CM – Chandrasekar Rao

### ➤ Sawar, Sawara and Saunra: one and the same name:

Schedule Tribe from Chhattisgarh

Article 342(1) and (2) give clear direction on who is deemed to be an ST and who can be included.

Chhattisgarh:

Capital – Raipur

CM - Bhupesh Baghel

### ➤ Kurmi community – Jharkhand:

Demanding their community inclusion on the ST list and inclusion of the Kurmi Language in the 8<sup>th</sup> schedule of the constitution.

Kurmi community spread in west Bengal, Odisha, and Jharkhand.

### ➤ Extremism in Assam:

Extremists using social media to recruit.

Youths in assam continue to join extremist groups despite a peace pacts

Bodo Accord – jan 2020

Karbi Agreement – April 2021

Suspension of operations of ULFA

Groups:

ULFA – United Liberation Front of Asom

NDFB – National Democratic Front of Boroland

PDCK – People's Democratic Council of Karbi Longri

UPRF – United People's Revolution Front

## INDIA

### ❖ NCRB – CRIME IN INDIA 2021 Report:

Preventive detentions in 2021 saw a rise by over 23.7% compare to last year.

Use of provisions:

National Security Act

Goonda Act

Prevention of Illicit Traffic in Narcotic Drugs and Psychotropic Substance Act

Unlawful Activities (Prevention) Act

Sec 151 CrPC – police are empowered to make preventive arrest.

National Crime Records Bureau, abbreviated to NCRB, is an Indian government agency responsible for collecting and analyzing crime data.

NCRB was set-up in 1986 function under Ministry of Home Affairs.

### ❖ PM SHRI Schools:

Pradhan Mantri Schools for Raising India (SHRI) Yojana.

To have modern, transformational and holistic method of imparting education.

Development and upgradation of 14 500 schools across india under PM SHRI yojana.

These schools will become model schools and will encapsulate the full spirit of the National Education Policy (NEP) 2020.

Provides a ‘school Quality Assessment Framework’ which will developed for measuring key performing indicators.

### ❖ Raj path to be renamed as Kartavya Path:

Kartavya(duty) Path renamed by New Delhi Municipal Council.

### ❖ Constitutional bench on 103<sup>rd</sup> amendment act:

103<sup>rd</sup> constitutional amendment act which provides the 10% reservation to economically weaker section of society in government jobs and education institutions.

### ❖ 1<sup>st</sup> nasal COVID vaccine in india:

iNCOVACC - Developed by Bharat Biotech

Approved by Central Drug Standard Control Organisation for emergency use.

❖ **African Cheetahs arrival to Kuno-Palpur forest.**

8 cheetahs from Namibia. (5-female, 3-male)

Cheetahs translocation to Kuno-Palpur forest in Madhya Pradesh.

Because Indian Cheetahs extinct in 1952 in India.

❖ **6 states to get branches of NCDC:**

National Centre for Diseases Control (NCDC) branches in Andhra Pradesh, Arunachal Pradesh, Kerala, Maharashtra, Tripura, and Uttar Pradesh.

Provide a boost to public health infrastructure with prompt surveillance, rapid detection and monitoring of diseases there by enabling early interventions.

❖ **Limited change in cities under NCAP:**

Centre for Science and Environment (CSE) reported, just 14 cities registered 10% drop in pm2.5 level.

National Clean Air Programme launched in 2019.

Aim – to bring a 20% - 30% reduction in pollution levels from PM2.5 and PM10 particles by 2024 using 2017 as base year.

NCAP covers 132 of India's most polluted or so called non-attainment cities.

❖ **Mandatory of rear seat belt alarm:**

Rear seat belt alarm made mandatory by union govt under Central Motor Vehicles Rules.

❖ **Cri-MAC:**

Crime Multi Agency Centre, a national level communication platform launched in 2020.

This platform works under Ministry of Home Affairs.

IT platform facilitated dissemination of information about significant crimes, including human trafficking, across the country in real time and enabled inter-state cooperation.

Tamil Nadu, which has 1551 police stations, the second highest after UP (1718).

### ❖ **Union extends deadline for fixing pollution control device for coal power plants:**

Environment ministry extended the deadline by which coal plants must install pollution control technologies to reduce emissions.

The deadline stands at December 31, 2026.

The emission norms the control of sulphur dioxide, nitrogen oxides, mercury from coal power plants.

Flue-gas de-sulphurisation - A collection of technologies used to remove sulphur dioxide (SO<sub>2</sub>) from exhaust gases of fossil fuel power plants.

Only 4% of India's coal power plant install equipment to control so<sub>2</sub> emissions.

### ❖ **Gati Shakti Multi-model cargo Terminal policy:**

Launched December 2021.

Long term leasing of railway land and plan to develop 300 Gati Shakti Cargo Terminals to boost Railways revenue.

Boost Investment in the Development of Traditional Terminals for Handling Train Cargos.

### ❖ **KKNPP:**

Unit III and Unit IV (1000MW each) is expected to be commissioned by 2025.

About 1150MW out of total capacity of 2000MW had been allocated to TN from Unit I and II.

TN written to Union govt seeking 100% allocation from Unit III and IV for catering to the increasing power demand.

KKNPP - India's largest nuclear power station is located at Kudankulam in the Tirunelveli district of the southern Indian state of Tamil Nadu.

KKNPP build with collaboration with Russia.

### ❖ **Campaign to expand SHG footprint:**

To increase the coverage of Self Help Groups

To expedite the inclusion of women who are left out of SHG under the Deen Dayal Upadhyay National Rural Livelihood Mission

Its aims are to support the rural poor come out of poverty, supporting them set up enterprises and provide support till the enterprises stabilize.

DDY-NRLM launched in 2016.



## ❖ **Pradhan Mantri TB Mukht Bharat Abhiyan:**

To give high priority to the anti-tuberculosis campaign and make it a mass movement.

Set the target of eradicating TB by 2025, which even before the target set by UN under SDG goals by 2030.

India has more than 25% of the total TB patients of the world.

### **TB – Tuberculosis:**

caused by Mycobacterium tuberculosis (MTB) bacteria.

Tuberculosis generally affects the lungs, but it can also affect other parts of the body.

Tuberculosis is spread from one person to the next through the air when people who have active TB in their lungs cough, spit, speak, or sneeze.

## ❖ **‘Adopt a TB patient’:**

‘Adopt a TB programme’(Nikshay Mithra) initiative

The programme was brought in to fill the critical community element into fight towards eliminating TB by 2025 under Pradhan Mantri TB-Mukht Bharat Abhiyaan.

Free diagnostics, free drugs and Nikshay poshan yojana provided by the National TB elimination Programme to all patients.

Minimum period of commitment for providing the support to the TB patient will be one year.

India has the world’s highest TB burden with 26 lakh people contracting the disease and approximately 4 lakh people dying from it every year.

## ❖ **Vande Bharat Train:**

Budget 2022-23 announced - 400 new generation semi-high speed Vande Bharat Express Trains with better energy efficiency as well as better passenger riding experience will be developed and manufactured.

Set a target of rolling out 75 such train by aug 2023

Speed of train 180 kmph

Made at Integral Coach Factory, Chennai.

## ❖ **National Report on Benchmarking of Oral Reading Comprehension and Numeracy:**

Report released by NCERT (National Council of Educational Research Training)

Aims to assess foundational learning of children at the end of class 3.

Foundational learning of student poor in regional languages in some states even worse.

NIPUN scheme:

NIPUN (National Initiative for Proficiency in Reading with Understanding and Numeracy) Bharat Scheme.

To enable all children at the end of class 3 to attain foundational skills by the year of 2026-27.

### ❖ **Accidental deaths and Suicides in India 2021 – NCRB.**

Tamil Nadu (15,384) recorded the second highest number of fatalities after UP.

Chennai (998) recorded the second highest number of fatalities after delhi.

TN stood first in terms of per capita road accidents deaths with 20.1 fatalities for every 1 lakh people.

55,996 persons were injured in road accidents in TN, the highest among all states.

Over 80% of them were men. Half of victim travelling on two wheelers, with over 90% of them speeding or driving carelessly, leads to death.

### ❖ **Juvenile Justice (Care and Protection of children) Amendment Act, 2021:**

New rules empowering the District Magistrate to give adoption order.

New rules says adoption cases pending before courts shall stand transferred to the DMs.

Juvenile Justice (Care and Protection of children) Model Rules, 2016.

Juvenile Justice (Care and Protection of Children) Act, 2015:

It replaced the Indian juvenile delinquency law, Juvenile Justice (Care and Protection of Children) Act, 2000.

Allows for juveniles in conflict with Law in the age group of 16–18, involved in Heinous Offences, to be tried as adults.

To create a universally accessible adoption law for India.

### ❖ **Pradhan Mantri Garib Kalyan Package (PMGKP):**

974 health workers died of COVID 19.

Rs 808 cr has been disbursed to 1616 beneficiaries including doctors under PMGKP.

## PMGKP:

Insurance scheme for Health Care Workers Fighting COVID-19'.  
to provide the safety net to the dependents of health workers who  
are deputed to take care of COVID-19 patients.

launched on 30th March, 2020 to provide comprehensive personal  
accident cover of Rs. 50 Lakh to 22.12 lakh health care providers including  
community health workers and private health workers who may have been in  
direct contact and care of COVID-19 patients and may be at risk of being  
impacted by this.

## ❖ **Citizenship Amendment Act, 2019:**

Seeks to grant citizenship to a class of migrants belonging to  
Hindu, Sikh, Buddhist, Jain, Parsi or Christian communities from  
Afghanistan, Bangladesh or Pakistan.

Amended the Citizenship Act, 1955 by providing a pathway to  
Indian citizenship.

## ❖ **Naga peace agreement:**

Revival of talks between centre and NSCN-IM and seven Naga  
National Groups to find a solution to the Naga political issue.

Framework Agreement (2015): In this agreement, the Government  
of India recognised the unique history, culture and position of the Nagas  
and their sentiments and aspirations.

3 key issues:

1. Inclusion of Yehzabo (Naga constitution) into Indian constitution
2. Integration of Naga dominated areas of assam, Arunachal, Manipur to  
unite 1.2mn Nagas.
3. Creation of regional autonomous territory council for Manipur and  
Arunachal Pradesh.

## ❖ **Raktdaan Amrit Mahotsav:**

Blood donation drive aims to collect one lakh units of blood  
Starts from September 17 and ends in October 1.

Launched by Ministry of Family and Health Welfare  
October 1 – National Voluntary Blood Donation Day

## ❖ **Election Commission delist 86 parties, deems 253 parties inactive:**

Delisting of 86 registered unrecognised political parties found to be non-  
existent.

Declared 253 parties inactive.

Chief Election Commissioner – Rajiv Kumar

Election Commissioner – Anup Chandra Pandey.

## ❖ National List of Essential Medicines (NLEM):

384 drugs on essential medicines list

Pricing of essential medicines is regulated by the National Pharmaceutical Pricing Authority.

NLEM:

First NLEM was compiled in 1996 and was revised thrice in 2003, 2011, and 2015.

To promote rational use of medicines considering the three important aspect – cost, safety and efficacy.

Helps optimum utilisation of health care resources and budget.

## ❖ 1098 -> 112:

Children will have to call 112

1098 – only dedicated helpline for children, running successfully for the past 26 years.

1098 integrated with the national emergency number 112.

Helpline 1098 in strict compliance with the provisions of Juvenile Justice Act, 2015

Emergency Response Support System – 112:

Enhance the scope of access to emergency response services through voice call, SMS and be GPS and GIS enabled.

## ❖ Kashmir's Manasbal lake:

NCC's training activities of the naval wing are being revived at the lake after 33 years.

Training drills in the area were suspended in 1989 due to militancy.

## ❖ New communities under ST List:

Added four communities in the list of ST under constitution (Scheduled Tribes) order, 1950.

1. Hatti Tribe – Himachal Pradesh
2. Narikoravan, Kurivikaran – Tamil Nadu
3. Binjhia – Chattisgarh



According to the 2011 census, the tribal population of the country is 10.43 crore, 8.6% of the total population. 89.97% of them live in rural areas and 10.03% live in urban areas.

1.1% Scheduled Tribe (ST) of total population in Tamil Nadu.

### ❖ **Delay in PMAY-G scheme to invite penalty:**

Union to fine lagged states for not meeting targets of flagship housing scheme.

PMAY-G: Started in April 2016

Working under Ministry of rural development

Target of construction of 2.95cr houses by march 2024

Beneficiaries selected from the Socio-Economic Caste Census –

2011

Till august, 2.02cr houses have been constructed

### ❖ **Fall in insurgency in North Eastern India – MHA:**

Govt aims to resolve inter-boundary dispute in north east and strike a conciliation with all armed insurgent groups in the region before 2024.

AFSPA had been reduced from a large part of the north east.

A special development package of 1000cr would be provided over a period of five years for infrastructure development in Adivasi populated areas.

#### **AFSPA:**

Armed Forces Special Powers Act (AFSPA), 1958.

AFSPA gives armed forces the power to maintain public order in “disturbed areas”.

### ➤ **National Logistic Policy 2022:**

Unveils by prime minister

From 13-14 % logistics cost, we should all aim to bring it to single digit as soon as possible

Unified Logistics Interface Platform- ULIP will bring all the digital services related with the transportation sector on a single portal

National Logistics Policy has immense potential for development of infrastructure, expansion of business and increasing employment opportunities.

Gati-shakti and National Logistics Policy together are now taking the country towards a new work.

❖ **ECI seeks restriction on cash donations to parties:**

Reducing anonymous political donations to Rs 2,000 from Rs 20,000.

Amending The Representation of People Act

Chief Election Commissioner – Rajiv Kumar

❖ **FM urges World Bank arm IFC to raise lending to India:**

To increase lending to India to more than \$2 billion in the next two years and to \$33.5 billion over the next three-four years.

**IFC – International Finance Corporation:**

largest global development institution focused on the private sector in developing countries.

Established in 1956

HQ – Washington DC

➤ **Early Withdrawal of SW Monsoon – IMD:**

September 30 is considered the final day of the season for the entire country.

South West Monsoon had brought in 7% more rainfall than long period average to India.

South and central parts of India have had excess rainfall of 29% and 33%, respectively.

Deficient rainfall in North India and North East India.

**IMD:**

India Meteorological Department (IMD) is an agency of the Ministry of Earth Sciences.

principal agency responsible for meteorological observations, weather forecasting and seismology.

Formed in 1875

➤ **Curative Petition on Bhopal tragedy Plea:**

Bhopal Gas Tragedy - Chemical accident on the night of 2–3 December 1984 at the Union Carbide India Limited pesticide plant in Bhopal, Madhya Pradesh.

Cause - Methyl isocyanate leakage.

Curative Petition - the last chance available for the protection from the compensation of injustice in the court after the review petition is dismissed or has been exhausted.

## ❖ **India's first Dugong Reserve:**

Dugong Reserve in Palk Bay, covering the coastal waters of Thanjavur and Pudukottai districts.

### **Dugong:**

Largest herbivorous marine mammals in the world.

Protected under schedule 1 of the Wildlife Protection Act, 1972.

Only about 240 dugongs present in the country and majority of found them in Tamil Nadu coast (Palk Bay).

### **Threats:**

Hunting for meat and poaching for oil.

Unintentional killing throw fishing

Habitat destruction

Developmental activities like port

Benefits of dugong conservation:

Dugongs, thriving primarily on seagrass beds, a major carbon sink of the oceans.

Sea grass beds, breeding and feeding ground for many commercially valuable fishes and marine fauna.

Sea grass bed restrict the coastal erosions.

## ❖ **Nizam's ceremonial sword set to return after 100 years:**

The sword was purchased in 1905 by general sir Archibald Hunter, Commander in Chief, Bombay command from Prime Minister of Hyderabad.

Nizam of Hyderabad:

Hyderabad princely states established in 1724 under nizamul-mulk Ashaf Shah I.

## ❖ **Bihar free of Naxal presence:**

Says CRPF Director General – Kuldeep Singh.

Number of districts affected by violence stood at 39, down from 60 in 2010.

90% of violent incidents from 25 districts in 2021. Mostly in Chhatisgarh, Jharkhand, Odisha, Maharashtra, Andhra Pradesh, Telangana.

In 2022, CRPF launched operation in three states in Bihar, Jharkhand, Chhattisgarh – Operation Octopus, Operation Double Bull, Operation Thunderstrom, and Operation Chakarbandha.

### ❖ **Maharaja Hari Singh birth anniversary:**

23 September – birth anniversary.

Maharaja Hari Singh, who signed the Instrument of Accession with India in 1947.

He was the last maharaja from Kashmir.

### ❖ **Ambedkar Tourist Circuit:**

A special tourist circuit encompassing five key sites associated with Dr.B.R.Ambedkar.

1. Mhow – birth place
2. London – where he resided and studied
3. Nagpur – studied
4. Delhi – where he passed away
5. Mumbai – where he cremated

Ambedkar scholars pointed out some place are missing in the list ..such as

Mahad satyagraha – march 20, 1927

Pune – negotiation between Gandhi and Ambedkar

Sri Lanka – where he attended a Buddhist conclave

### ❖ **Operation Megh Chakra:**

Conducted by Central Bureau of Investigation (CBI)

Pan india drive against the circulation and sharing of child sexual abuse material.

In Nov 2021, Operation Carbon – a similar exercise searching the premise of suspects in 13 states and one UT.

#### **CBI:**

Premier investigating agency of India.

Agency has been known to investigate several economic crimes, special crimes, cases of corruption and other cases

Established in 1963 resolution of Home Ministry

### ❖ **OBCs not on central list can apply under EWS for union government post: DoPT**

**103<sup>rd</sup> constitutional amendment act, 2019** which provides reservation to Economically Weaker Section.

**Provides 10% reservation for Economically Weaker Sections (EWS)** of society other than Backward Classes, Scheduled Castes, and Scheduled Tribes.



### ❖ Videos from YouTube channels blocked for hate speech:

Provisions provide under **Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021**

Videos containing hate speech against religious communities with the potential to cause communal disharmony.

### ❖ InvenTiv – R&D Fair:

23 IITs join hands for Mega R&D fair in October

Aim to inculcate ‘innovation driven’ outlook and encourage development of affordable technologies in line with Make In India and Digital India.

Organised part of ‘Azadi Ka Amrit Mahotsav’ to commemorate 75<sup>th</sup> years of independence.

### ❖ President Murmu inaugurates Dasara Festival in Mysuru:

Deity of Chamundeshwari atop Chamundi hills in Mysuru.

Also, inaugurated the new campus of Indian Institute of Information Technology - Dharwad

#### **Karnataka:**

Capital – Bengaluru

CM – Basvaraj Bommai

Received 53% of FDI in the field of IT

Top in NITI Aayog innovation Index.

### ❖ Live streaming of constitutional bench of SC:

For the first time, live streaming of the supreme court in 27.09.2022

Steps to ensure judicial transparency

Live streaming has become reality nearly four years after the court’s Swapnil Tripathi judgement of 2018.

### ➤ Ban on PFI under UAPA:

Union Home Ministry declared Popular Front of India and its 8-front organisation, an ‘**Unlawful association**’ under **Unlawful Activities (Prevention) Act, 1967 (UAPA)**.

#### **Reasons:**

State governments of Up, Karnataka, and Gujarat recommended for ban

PFI members were leaders of SIMI (Students Islamic Movements of India) and linkages with Jamaat-ul-Mujahidden Bangladesh and have linkages to global terrorist organisation ISIS.

### **UAPA, 1967:**

Aimed at prevention of unlawful activities associations in India.  
Objective was to make powers available for dealing with activities directed against the integrity and sovereignty of India.

### ➤ **Pradhan Mantri Garib Kalyan Anna Yojana:**

Union govt extends free ration scheme for three months from October 1 to December 31, 2022.

Beneficiaries under National Food Security Act to get five KG of food grains per person per month.

This scheme launched in April 2020.

### ➤ **Temples and Buddhist caves in Bandhavgarh Tiger Reserve in MP:**

Discovered by Archaeological survey of India

Buddhist cave and stupas, Brahmi inscriptions dating back 2<sup>nd</sup> century

Hindu temples 9-11<sup>th</sup> century

ASI discovered 26 mostly buddhists caves dating 2-5<sup>th</sup> centuries.

24 inscriptions in Brahmi text, mentions site of matura, Kaushambi.

26 temples dated to Kalachuri period between 9-11<sup>th</sup> century.

Kalachuri dynasty spread over parts of Gujarat, Madhya Pradesh, Maharashtra, is associated with the earliest Ellora and Elephanta caves monuments.

### ➤ **Union govt proposal to redevelop 3 railway stations:**

Rs 10000 crore proposal for redevelopment of three major stations.

1. New Delhi
2. Ahmedabad
3. Mumbai Chhatrapati Shivaji Maharaj Terminus

### ➤ **Lata Mangeskar Chowk:**

Inaugurated in Ayodhya by Indian prime minister.

On her 93<sup>rd</sup> birth anniversary

### ❖ **Single women get abortion rights – SC:**

Supreme Court declared that single women with pregnancies between **20 and 24 weeks** are entitled to access the same safe and legal abortion care as married women.

**The Medical Termination of Pregnancy Act, 1971** – prohibit unmarried women from terminating pregnancy that are up to 24 weeks.

Rights of reproductive autonomy, dignity and privacy give an unmarried woman the right to choices as to whether or not to bear a child on a similar ground as that of a married woman.

### ❖ **Operation Garuda:**

Launched by **Central Bureau of Investigation (CBI)** in coordination with Interpol, Narcotics Control Bureau and the police forces

To **dismantle the drug smuggling** networks with international linkages through coordinated enforcement action across the world.

### ❖ **Income Tax conducted survey on Oxfam India:**

Raid due to suspicion on financial irregularities under FCRA.

Oxfam India:

Non-profit organization working to support child education, empowering women & fighting against inequality in India.

**FCRA:**

Foreign Contribution (regulation) Act, 2010

To regulate the acceptance and utilisation of foreign contribution or foreign hospitality by certain individuals or associations or companies.

To prohibit acceptance and utilisation of foreign contribution or foreign hospitality for any activities detrimental to the national interest and for matters connected therewith or incidental thereto.

## INDIA AND WORLD

### ❖ India – Bangladesh:

Bangladesh PM Sheikh Hasina visit to India.

7 deals signed between two countries.

Signed **kushiyara water treaty**

Common border river kushiyara (tributary of the barak river) for supplying to parts of lower assam as well as Sylhet in Bangladesh.

Agreement on training of personnel of the Bangladesh railway in India.

Deal in energy cooperation of unit 1 Maitree power plant.

\$500 million defence line of credit.

Established joint technical committee to study the use of ganga waters in Bangladesh.

Ganga water treaty 1996, which was ganga water sharing treaty is a 30 years agreement which is expected to reviewed or renewed in 2026.

Bangladesh Capital – Dhaka.

### ❖ India – Mongolia:

Indian defence minister visit Mongolia consolidates defence cooperation and strategic partnership.

Mongolia capital – Ulaanbaatar.

Mongolia president – U. Khurelsukh

### ❖ Nepal seeks India's assistance to construct two more petroleum pipelines:

A 69-km-long petroleum pipeline between Motihari in Bihar and Amlekhgunj in Nepal's Bara district constructed with India's assistance.

Nepal has recently forwarded two separate proposals, one for the construction of 52 km pipeline from Siliguri in West Bengal to Jhapa in Nepal and another 69 km pipeline connecting Amlekhgunj to Lothar in Chitawan district, both within Nepal.

### ❖ India – Nepal:

Indian Army chief General – Manoj Pande visit to Nepal.

Agenda – India Army would continue to recruit Nepal Domicile Gurkhas under “Agnipath scheme”

**Agnipath scheme:** recruitment of soldiers below the rank of commissioned officers into the three services of the armed forces.



## ❖ **India - Sri Lanka:**

Capital – Colombo.

Sri Lankan govt appoint a committee to facilitate the return of Sri Lankan refugees living in India.

To facilitate and efficiently carry out the process of repatriation of Sri Lankans who have gone to India as refugees due to war since 1984.

58000 Sri Lankans are currently residing in TN as refugees.

## ❖ **INDIA – CHINA:**

India China troops disengage at LAC in the Gogra-Hot spring area of eastern Ladakh.

Hurdles remain in Demchok and Depsang regions.

Stand-off begun in May 2020, recently 16<sup>th</sup> round of India China corps commander level meeting begun to disengage.

Demchok and Depsang, remain friction points between them.

LAC: Line of Actual Control, which is disputed border line between India and China.

Working Mechanism for Consultation and Coordination on India–China Border Affairs (WMCC) was set up through an India-China agreement in January 2012 for improved institutionalized information exchange on border related issues.

## ❖ **Indo-Pacific Economic Framework:**

India stays out of the joint declaration of joint pillar due to citing concerns over possible discrimination against developing economies.

**IPEF** - Economic initiative launched by United States President Joe Biden on May 23, 2022.

Membership 14 countries.

14 IPEF partners represent 40% of global GDP and 28% of global goods and services trade.

## ❖ **INDIA – USA:**

QUAD senior officials meeting held in New Delhi.

Inter-sessional 2+2 meeting held in New Delhi with the delegation from the ministries from defence and external affairs.

India raised strong objection to the USA plan for foreign military sales to Pakistan at an estimated \$450mn for f-16 fighter jet programme.

Quad:

Quad (Quadrilateral Security Dialogue) countries – Australia, India, Japan, USA.

Formed in 2007 and re-established 2019.

❖ **India raises Sri Lankan Tamil issues in UN:**

51st session of United Nation Human Right Council in Geneva.

India voiced concern over lack of measurable progress in Sri Lankan's promised political solution to the long pending Tamil National question.

Political solution to the ethnic issue through full implementation of the 13<sup>th</sup> Amendment of the constitution, delegation of powers to provincial councils and holding of provincial council election at the earliest.

India has extended nearly \$4bn crucial assistance to Sri Lanka this year.

❖ **India - Iran relations:**

India – Iran prime ministers likely to meet in SCO meet in Samarkand – Uzbekistan.

Expected to discuss oil, Chabahar, regional connectivity and bilateral issues.

**India-Iran:**

India was one of the largest oil importers before US sanction in 2018-19.

Iran accounted for 12% of Indian oil imports before 2018.

Chabahar port in Iran which built by India

India and Iran also member of International North South Transport corridor (INSTC), which is 7,200-km-long multimode network of ship, rail, and road route for moving freight between India, Iran, Azerbaijan, Russia, Central Asia and Europe.

❖ **India – Egypt:**

Indian Defence minister visit to Egypt.

Develop military cooperation and focus on joint training, defence coproduction and maintenance of equipment.

signed a Memorandum of Understanding (MoU) on defence cooperation.

**Egypt:**

Capital – Cairo

President - Abdel Fattah El-Sisi

➤ **China continuous presence in Indian Ocean Region:**

Indian Navy Chief, Admiral R. Hari Kumar says China remains formidable challenge.

China continues presence in the IOR since 2008 by leveraging anti-piracy operation

**Reasons:**

China had a military base in Djibouti

Development of ports in IOR, Sri Lanka, Myanmar, Pakistan etc

China: capital – Beijing

President – Xi Jinping

❖ **MoU on Tackling Plastic Pollution:**

MoU between National Cadet Corps (NCC) and United National Environment Programme (UNEP)

To tackle the issue of plastic pollution and achieve the universal goal of clean water bodies through Puneet Sagar Abhiyan and Tide Turners Plastic Challenge Programme

**UNEP:**

Responsible for coordinating responses to environmental issues within the United Nations system.

Founded in 1972

HQ – Nairobi – Kenya.

❖ **India's PM went Japan to attend Shinzo Abe's Funeral:**

Shinzo Abe reshape Japan and India foreign policy which set up close ties between both.

Also, bilateral meeting with **Japan PM Fumio Kishida**.

**Shinzo Abe:**

Former Japan PM and he was assassinated on July.

**Major agreement during Shinzo Abe:**

India - Japan Nuclear Agreement

India's Bullet Train

QUAD formation

Asia Africa Growth Corridor

❖ **“Choose France Tour 2022”**

France will host a series of education fairs in India in October

Held in Kochi, Bengaluru, Mumbai and New Delhi.

Target of welcoming 20000 Indian students by 2025.



# **NATRAJ INSTITUTE OF TNPSC**

**( A Specialised Institute with shortcut Ideas)**

❖ **India – Sweden:**

**Carl-Gustaf M4:**

Sweden's defence major SAAB plans to manufacture its Carl-Gustaf M4 weapon system in India.





## WORLD

### ➤ Zaporizhzhia nuclear power plant – ukraine:

IAEA to keep experts permanently at Zaporizhzhia nuclear plant.

Russia – Ukraine war started in feb 24.

### IAEA:

International Atomic Energy Agency (IAEA) - [international organization](#) that seeks to promote the peaceful use of [nuclear energy](#), and to inhibit its use for any military purpose, including [nuclear weapons](#).

Established as an autonomous organization on 29 July 1957.

Headquarters – Vienna - Austria.

The Chief of the UN nuclear watchdog - Rafael Mariano Grossi.

### ❖ Mikhail Gorbachev death:

last Soviet leader Mikhail Gorbachev (1985 - 1991).

He also let East and West Germany reunite, and forged arms control treaties with the United States, which lifted the “Iron Curtain” and ended the Cold War.

awarding of a Nobel Peace Prize in 1990.

### ❖ NORD STREAM-I:

Russia suspended supplying of oil to Germany through pipeline.

### ❖ Liz truss:

Britain's 56<sup>th</sup> prime minister.

Capital – London.

Conservative party

3<sup>rd</sup> women prime minister in britain history.

### ❖ Britain's queen Elizabeth II:

Britain's longest-reigning monarch queen elizabeth II died on sep 8 2022 at age of 96.

Elizabeth ascended the throne aged 25 on feb 1952.

Feb 6 2022 – 70<sup>th</sup> anniversary of Queen's accession marks starts of Platinum Jubilee year.

In Britain parliamentary system, Queen or King is Head of the State of the United Kingdom.

❖ **Charles III:**

New king of Britain due to death of queen Elizabeth II.

❖ **9/11 attacks – U.S marks 21<sup>st</sup> anniversary:**

In New York, where World Trade Center's twin towers were destroyed by the hijacked plane attacks in 9.11.2001

❖ **Armenia – Azerbaijan clash:**

Clash over Nagorno-Karabakh region between both countries  
2020 war happened between two countries over regional disputes.

Armenia:

Capital – Yerevan.

Azerbaijan:

Capital – Baku.

➤ **UN Security Council 1267 list:**

Proposal to add Lashkar-e-Taiba commander Sajid Mir, who is wanted for the 26/11 Mumbai terror attacks as well as attacks in US and Denmark.

China blocked listing of LeT commander Sajid Mir at UNSC list 1267.

➤ **Kyrgyzstan – Tajikistan hold talks to end border fighting:**

Talks held in SCO summit – samarkhand

Kyrgyzstan:

President – Sadyr Japaov

Capital – Bishkek

Tajikistan:

President – Emomali Rakhmon

Capital – Dushanbe

➤ **4 regions of Ukraine plan votes to join Russia:**

Russian controlled regions of eastern & southern Ukraine announced plans.

Regions – Donetsk, Luhansk, Kherson and Zaporizhzhia.

Russia: capital – Moscow

President – Vladimir Putin

Ukraine: capital – Kyiv

President - Volodymyr Zelenskyy

Crimean peninsula annexed by Russia in 2014

All five regions make up 20% of Ukraine territory

➤ **IMF set to support Sri Lanka:**

To support Sri Lanka with an Extended Fund Facility (EEF) of \$2.9bn  
Extended Fund Facility:

To provide assistance to countries experiencing serious payment imbalances because of structural impediments or slow growth and an inherently weak balance-of-payments position.

**IMF – International Monetary Fund:**

Agency of the United Nations, and an international financial institution.

Formed in 1945

HQ – Washington DC

❖ **UNCHR said China committed serious human rights violations against ‘Uighur community’:**

Uighur Muslims minority community in western Xinjiang region of china.

**UNCHR:**

United Nations High Commissioner for Refugees (UNHCR) - United Nations agency mandated to aid and protect refugees, forcibly displaced communities, and stateless people etc.

Formed in 1950

HQ – Geneva, Switzerland.

❖ **Israel – Turkey leaders meet after a decade:**

Israel: Prime Minister – Yair Lapid

Capital – Jerusalem

Turkey:

President – Recep Tayyip Erdogan

Capital – Ankara

❖ **QUAD signs agreement for Disaster relief and assistance:**

Senior official meeting of quad countries in New Delhi

Sign a Humanitarian Assistance and Disaster Relief (HADR) partnership.

QUAD:

Quadrilateral Security Dialogue (QSD)

Strategic security dialogue between Australia, India, Japan, and the United States

❖ **Italy – Giorgia Meloni:**

Italy’s first women Premier.

Italy's first far-right led government since the second world war.

Party – Brothers of Italy's

Italy Capital – Rome

➤ **Mohammed bin Salman:**

Saudi Arabia crown prince was appointed Prime Minister by royal decree.

Saudi Arabia:

Capital – Riyadh





## ECONOMY

### ❖ India has overtaken the U.K. to become the world's fifth-largest economy:

A decade back, India was ranked 11th among the large economies while the U.K. was at the fifth position. Behind only the US, China, Japan and Germany, according to IMF projections.

Size of the Indian economy in 'nominal' cash terms in the quarter through March was \$854.7 billion. On the same basis, the U.K. was \$816 billion," stated a Bloomberg report.

With India being the world's fastest growing major economy.

India's GDP expanded 13.5% in the April-June quarter, the quickest pace in a year, to retain the world's fastest growing economy.

### ❖ LIC enters 67th year of existence:

A premier financial institution of the country, it has immensely contributed to propagate the message of life insurance to reach all insurable people at an affordable cost.

Starting with an initial capital of Rs.5 crore in 1956, the LIC today has an asset base of Rs.42,30,616 crores.

### ❖ Tamil Nadu Mercantile Bank new MD:

Krishnan sankarasubramanian – MD & CEO of TMB.

### ❖ Centre sets 20% export duty on rice:

Export duty - general or specific taxes on goods or services that become payable when the goods leave the economic territory or when the services are delivered to non-residents.

Reasons: 20% lower kharif paddy sowing

Uneven monsoon

### ❖ Centre bans on export of broken rice:

Causes:

Due to domestic demand.

Rice production may fall due to a drop in paddy sowing area (6%) this kharif season.

Uses of broken rice:

For domestic poultry industry.

For other animal feedstock.

For producing ethanol.

## ❖ **Rice exports may fall:**

India accounts 40% share in the global rice trade, exported 21.23MT of rice in 2021-22.

India is the largest rice exporter of the world.

Reasons:

India hike 20% export duty on rice

Ban on export of broken rice

Decreases in kharif rice sowing area

## ❖ **Retail inflation:**

India's retail inflation resurged to 7% in august.

This is eighth successive month that retail inflation has stayed above the central bank's upper tolerance threshold of 6% inflation for economy.

10 out of 22 major states recorded inflation over 7% with west Bengal recording the highest price.

Core inflation: which excludes these transient components of food and beverages as well as fuel and light inflation.

## ❖ **India foreign exchange reserve:**

India foreign exchange reserves dropping to a two years low

India foreign exchange reserves declined to \$553.1 bn

Reasons:

Tightening of global monetary policy

Foreign currency inflows are not robust

Imports are rising

## ❖ **India's oil import:**

Sunflower oil imports rose 90% in Aug

India, world's leading vegetable oil buyer, Russia and Argentina major suppliers of India

India's sunflower oil import, constitute 16% of total edible oil imports.

## ❖ **Wholesale Piece Inflation (WPI):**

WPI slowed to an 11-month low at 12.4% in august

WPI - Measures change in the overall price of goods before they are sold at retail.

Released by the Ministry of Commerce and Industry.

❖ **Exports dips 9-months low:**

Exports in Aug - \$33.92bn

Imports in Aug - \$61.9bn

Trade Deficit - \$27.98bn

A Trade deficit occurs when the cost of a country's imports exceeds the cost of its exports. It's also known as a negative balance of trade.

❖ **Net Direct Tax collections crosses Rs7 lakh crore:**

23.3% rise April to September 17, 2022-23

Corporate Taxes little over half of it – Rs 3.6 lakh crore

Income Tax and Security transaction Tax constitute – Rs 3.3 lakh crore

**Direct Tax:**

A direct tax is a tax that a person or organization pays directly to the entity that imposed it. Examples include income tax, real property tax, personal property tax, and taxes on assets etc.

❖ **PLI-scheme for solar cell modules:**

Production Linked Incentive scheme to incentivise manufacture of domestic solar cell modules.

With a plan of Rs 19500cr

**Benefits:**

India saves Rs1.37 lakh crore in imports

Achieve climate commitments to a target of installing 500GW energy from non-fossil fuel based.

❖ **ADB reduces GDP growth forecast:**

GDP growth forecast reduced to 7% from 7.5% for FY2023.

**Reasons:**

Higher than anticipated inflation

Monetary tightening

Widened current account deficit to 3.8% of GDP

**ADB: - Asian Development Bank:**

HQ – Manila, Philipphines

Formed in 1966

Members -63 including india.

❖ **Private Corporate Investment: Growth in 2020-21 and Outlook for 2022-23:**

Released by Reserve Bank of India

Tamil Nadu share in the overall project cost of Rs 1,43,314cr sanctioned by banks and financial institutions increased to 8.7% in 2021-22 from just of Rs 75,558cr in 2020-21.

Rajasthan accounts for highest share of 13.3% in 2021-22.

❖ **Rupee Depreciation:**

Reasons – US Federal Reserve increasing the interest rates by 75 basic points.

Consequences:

Reversal of Foreign Portfolio Investment (FPI) flow leads to market volatility.

Rupee may depreciate against dollar

❖ **Remission of Duties and Taxes on Export Products (RoDTEP):**

Duty remission scheme and to replace the Merchandise Exports from India Scheme (MEIS).

Exporters will be compensated for the non-creditable duty/tax costs (such as Electricity Tax, Stamp duty, Mandi Fee, Tax on fuel, etc.) that are embedded in the export goods.

❖ **BPCL signs pact with PETROBRAS:**

Bharat Petroleum Corporation Ltd signed agreement with Brazilian national oil company Petrobras. (BPCL – Maharatna company)

To diversify crude oil sourcing.

❖ **FDI - Q1 FY23:**

Foreign Direct Investment decreased by 6% to \$16.6bn in Q1 FY23  
FDI of 2021-22 - \$83.6 bn

❖ **S&P – India's GDP growth forecast 7.3%**

Impact from global slowdown

High inflation

❖ **OECD global economic growth forecast 2.2%:**

Reduced growth projection from 3% to 2.2% - 2023.

**Reasons:**

Russia-Ukraine war

Energy and inflation crisis



## **OECD – Organisation for Economic Growth and Development**

An intergovernmental organisation with 38 member countries.

Founded in 1961

HQ - Paris

### **❖ Quarterly Employment Survey January – march 2022:**

Part of All India Quarterly Establishment-based Employment Survey (AIQEEES).

Manufacturing constitutes the largest institutional employer in the country, employing 38.5% of the workers.

Education, Manufacturing, trade and financial services together accounted for 84%.

Almost 80% of establishments engaged 10 to 99 workers.

Participation of women workers witnessed a marginal increase from 31.6% third quarter to 31.8% fourth quarter.

Labour Bureau had taken up AQEES to provide quarterly estimates about employment and related variables of establishments in both organised and unorganised segments of 9 sectors.

### **❖ Current Account Deficit widen in Q1 FY23:**

April – June FY2023:

Current Account Deficit - \$23.5bn or 2.8% of GDP

Net FDI rose to \$13.6bn

Net FPI outflows-\$14.6bn and inflows \$0.4bn

### **❖ External Debt of India:**

India external debt during the first quarter FY2023 declined by \$2.5bn to **\$617.1bn.**

**External debt GDP ratio – 19.4%**

### **❖ India's Foreign trade Policy:**

Government extended the tenure of the Foreign Trade Policy 2015-20 by another six months till March 2023.

## DEFENCE

### ❖ INS Vikrant:

India among elite countries that can develop aircraft carriers

Aircraft carrier constructed by the Cochin Shipyard Limited (CSL) for the Indian Navy.

It is **the first aircraft carrier to be built in India**. It is named 'Vikrant' as a tribute to India's first aircraft carrier, Vikrant (R11).

The name Vikrant means "courageous" in Sanskrit. The motto of the ship is "Jayema Sam Yudhi Sprdhah", means "I defeat those who fight against me".

INS Vikrant is India's first home-made aircraft carrier. Countries such as the United States, United Kingdom, China, Russia, France and Japan are the others which have the technical know-how and capability to create such complex and large warships.

#### **Significance:**

Length – 262.5m

Breath – 62.5m

Height – 59m

Weight – 43000 ton

Speed – 52kmph

Carry up to 30 aircrafts.

Projects planned in 2007 and construction started 2009.

Projects cost – 20000 cr.

### ❖ Indian Navy new ensign:

The new ensign has been inspired by Maratha Emperor Chhatrapati Shivaji Maharaj.

The new ensign consists of the national flag on the upper canton, a blue octagon encasing the national emblem atop an anchor to depict steadfastness, superimposed on a shield with the Navy's motto "Sam No Varuna" (a Vedic mantra invoking the god of seas to be auspicious) in Devanagari.

The octagon represents the eight directions and has been included as a symbol of the Navy's "multidirectional reach and multidimensional operational capability".



The golden borders of the octagon have been inspired by the seal of Maratha Emperor Chhatrapati Shivaji Maharaj.

#### ❖ Vostok 2022:

Vostok 2022(East 2022) exercise in Moscow, held at seven firing ranges in **Russia's Far East and the Sea of Japan** and involve more than 50,000 troops and over 5,000 weapons units, including 140 aircraft and 60 warships. Engages troops from several ex-soviet nations, china, loas, mongoli, India etc.

#### ❖ Agnilet:

One single piece engine, is the world's first single piece 3D printed rocket engine fully designed and manufactured in india.

Developed by Chennai based HQ – Agnikul Cosmos, a space technology start-up.

Agnikul showcased this engine at IAC-2021, Dubai.

#### ❖ QRSAM – tested successfully:

DRDO and Army successfully tested Quick Reaction Surface to Air Missile (QRSAM) with indigenously developed sub systems from integrated test range of chandipur coast of odisha.

#### ❖ Kibithu camp renamed after General Rawat garrison in Arunachal:

Kibithu military camp very close to LAC in arunachal Pradesh.

Renamed to honour of the country's first Chief of Defence Staff, who killed in a chopper crash.

#### Vibrant Village scheme:

Development of northern borders and development of villages.

### ❖ **Parvat Prahar Exercise:**

Indian Army conducted exercise in Ladakh.

Army chief General Manoj Pande visited the Ladakh.

The exercise used newly inducted all terrain vehicles transported by helicopters.

### ❖ **Exercise Gagan Strike:**

Conducted by Indian Army in western front .

Fire power display of attack helicopters supporting deep operations by strike corps.

### ❖ **Stealth frigate – Taragiri:**

Third stealth frigate of the navy's Project 17A

Constructed by Mazagon Dock Shipbuilders Ltd-mumbai.

#### **Project 17A:**

Programme involves the development of seven advanced guided-missile frigates, of which four will be built by Mazagon Dock Shipbuilders and the remaining three ships by GRSE.

First ship – Nilgiri.

Second ship – Udayagiri.

Project cost Rs 25000cr.

### ❖ **India US Joint Exercise:**

US coast guard ship, Midgett arrives in Chennai

To boost interactions between Coast Guards of both nations.

### ➤ **Cochin Shipyard set to install missile system on INS Vikrant:**

LR-SAM – long range surface to air missile system

Joint development of DRDO and Israel Aerospace Industries

(IAI)

Manufactured by Bharat Dynamics Ltd

ME-STAR – multi functional – digital active electronically scanned array radar, which manufactured by IAI

INS vikrant: commissioned into Indian navy September 2, 2022

Constructed by Cochin shipyard Ltd with 42800 tonnes



The ship uses an aircraft operation mode known as Short Take Off But Arrested Recovery (STOBAR).

❖ **Defence Shows:**

Air Force Day – October 8

Air force day parade held in Chandigarh

Army Day – January 15

Army day parade held in southern command.

❖ **Union government signs Rs 1700cr deal for BrahMos missiles:**

Contract with BrahMos Aerospace Pvt Ltd for 38 missiles for Indian Navy.

**BrahMos:**

Super-sonic surface-to-surface cruise missile

Joint venture between the DRDO and Russia's NPO Mashinostroyeniya.

The missile derives its name from Brahmaputra and Moskva rivers.

Operation range – 300km

Speed – Mach 3+

BrahMos missile exported to Philippines

❖ **Avalanche Monitoring Radar – Sikkim:**

First Avalanche monitoring radar in India in Sikkim.

Installed by Army and Defence Geoinformatics and Research Establishment, a lab under DRDO.

Detect avalanches within three seconds of its trigger and will assist in saving lives of troops and reducing damage to property.

❖ **DefExpo 2022:**

Scheduled to be held on oct 18-22

Also held Second edition of India Africa Defence Dialogue with invites of 53 African countries.

Theme of DefExpo22- "Path to Pride"

Aim to showcase the might of the domestic defence industry.

❖ **Surya Kiran Aerobatic Team Air Show:**

Performed by Indian Air Force in association with Assam government in Guwahati.

To celebrate the 75<sup>th</sup> year of Indian Independence.



**NATRAJ INSTITUTE OF TNPSC**

**(A Specialised Institute with shortcut Ideas)**

## **BOOKS, REPORTS & INDEXES**

### ❖ **Green peace India – Air pollution report:**

99% of Indians breaths polluted airs.

In which, Indian breaths PM2.5 more than 5 times greater than WHO ideal recommendation.

Breathing of PM2.5, leads pulmonary diseases, bronchitis and heart related problems.

Government schemes – National Clean Air Programme.

### ❖ **Book – The Wonder That Was Harappan Civilisation:**

Launched by The Hindu publications.

### ❖ **HDI 2021-22 – India ranks 132:**

Human Development Index released by United Nation Development Programme (UNDP).

India ranks 132 in 2021-22 HDI.

India's HDI score 0.633. place it medium human development category lower than its value of 0.645 in 2018.

4 indicators:

1. Life expectancy at birth
2. Mean years of schooling
3. Expected year of schooling
4. Gross National Income.

Norway first rank, Switzerland second rank...

### ❖ **Prospective Urban Rural Epidemiological (PURE) study-2021:**

Released by **Lancet Publication**.

Risk factors for cardiovascular disease were similar in high, low and middle income countries, and largely among both men and women, with few difference only.

Compared with men, women presented with a more favourable cardiovascular risk profile.

### ❖ **UN World Water Development Report 2022:**

Released by **UNESCO**.

Encapsulated global concern over the sharp rise in fresh water withdrawal from streams, lakes, aquifers and human-made reservoirs,

impending water stress and also water scarcity being experienced different parts of the world.

## **World Water Day – March 22**

### ❖ **World population prospects report 2022:**

Released by United Nations Population Fund

Global population grow to around 8.5bn in 2030

Average global fertility has been consistently declining (50%) over the past 70 years

### **UNFPA:**

Formed in 1969

HQ – New York, USA

UN agency aimed at improving reproductive and maternal health worldwide.

### ❖ **Ambedkar and Modi: Reformer's Ideas, Performer's Implementation:**

This book released by BlueKraft Digital in New Delhi

Released by former president Ram Nath Govind

The book has foreword by Illayaraja

### ➤ **Illegal Trade of Marine species in India: 2015-2021:**

Study conducted by WCS-India (Wildlife Conservation Society-India)

Tamil Nadu recorded most seizures of the marine seizures.

### ❖ **“Lessons for the future from the COVID-19 Pandemic”:**

Published by Lancet Commission

Lancet panel criticises WHO for acting ‘too slowly’ during pandemic.

### ❖ **Jal-doot:**

Government mobile Application to capture data on groundwater levels.

Jointly launched by Rural Development and Panchayat Raj ministries.

Central Ground Water Board measured the groundwater level in wells.

To monitor the groundwater levels across the country.

Capture the water levels of two or three open wells in every village twice a year, in May and October.

Regular data from the 'Jaldoots' would be integrated with the database of the National Water Informatics Centre

To ensure Transparency, upload the geotagged photographs through the app each time the measurement is done.

**Top 3** - % of water level in wells increased:

1. Tamil Nadu
2. Karnataka
3. Telangana

**Bottom 3** - % of water level in wells dipped:

1. Punjab
2. Rajasthan
3. Haryana

#### ❖ **India Tourism Statistics 2022:**

Foreign tourist arrivals in India dip by 44.5% in 2021.

2020 – 2.74mn foreign tourist arrival

2021 – 1.52mn foreign tourist arrival

The top 15 foreign countries account for 80% of foreign tourist arrivals in India, such as the US, UK, Bangladesh, Canada, Nepal etc

Several Indian nationals departing the country saw a rise of 7.3% in 2021.

2020 – 7.29mn

2021 – 8.55mn

UAE was the top destination for Indians followed by the US, Qatar, Oman etc



## SUMMITS

### ❖ 30<sup>th</sup> SOUTHERN ZONAL COUNCIL MEET:

Zonal Councils are the statutory (and not the constitutional) bodies.

They are established by an Act of the Parliament, that is, States Reorganisation Act of 1956.

The act divided the country into five zones- Northern, Central, Eastern, Western and Southern and provided a zonal council for each zone.

In addition to the above mentioned Zonal Councils, a North-Eastern Council was created by a separate Act of Parliament, the North-Eastern Council Act of 1971.

#### MEET:

Held in thiruvanthapuram.

Chairman – Union Home Minister.

Union Home Minister exhorted southern states to find amicable solutions to end all outstanding issues, especially those related to river water sharing.

objective - To promote regional cooperation among states on issues of common national importance.

#### Tamil Nadu demand:

Extension of GST compensation further 2 years.

Exemption of NEET to Tamil Nadu.

High speed rail for connecting major cities and neighbour states.

Repeal of electricity bill.

Support for setting up ocean wind mill.

### ❖ WHO – Southeast Asia regional committee session in Bhutan:

WHO stressed that to accelerate progress for the prevention and control of non-communicable diseases, including oral and eye afflictions.

### ❖ International Dairy Federation World Dairy Summit – Greater Noida:

Inaugurated by Prime Minister

Centre is trying to curb Lumpy skin Disease

#### India's Dairy Sector:

Largest milk producing country in the world

Provides employment to more than 8cr families in the country

Women have 70% representation in the workforce in India's dairy sector.

❖ **India to hold G-20 summit in 2023:**

Summit will be held in New Delhi on September 2023.

Bangladesh, UAE, Singapore, Spain, Mauritius, Oman will be 'guest countries'

**G-20:**

Group of Twenty is an intergovernmental forum comprising 19 countries and the European Union.

Founded in September 1991.

Members of G20 which represents 85% of global GDP and 75% of international trade.

❖ **Southern Regional MSME Meet – Madurai:**

Conducted by MSME department.

❖ **Annual Convention of the society of Indian Automobile Manufacturers:**

Prime Minister urges industry to focus on self-sufficiency and stressing on the need to expedite innovations for greener alternatives.

❖ **SCO Summit:**

Shanghai Cooperation Organisation summit in **Samarkand**, Uzbekistan – a stop on the ancient silk road.

Indian PM flags energy, food crisis due to COVID-19 and war.

PM mention that 'Today era is not of war'

Four bilateral meeting

1. Iran President – Ebrahim Raisi
2. Uzbekistan President – Shavkat Mirziyoyev
3. Russia President – Putin
4. Turkey President – Recep Tayyip

**SCO – Shanghai Cooperation Organisation:**

Formed – June 15 2001

HQ – Beijing, China

Membership – 9 (India and Pakistan joined 2017, Iran joined as 9<sup>th</sup> member in 2022)

❖ **9<sup>th</sup> session of the governing body of the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA):**

Held in New Delhi.

India says no negotiation is possible at the cost of food security.

ITPGRFA was signed during the 31st session of the United Nations Food and Agriculture Organisation (FAO) in Rome in November 2001.

The treaty seeks to achieve food security through the conservation, exchange and sustainable use of the world's Plant Genetic Resources for Food and Agriculture (PGRFA), equitable sharing of profits from its use, as well as playing an important role in the recognition of rights of farmers.

❖ **G4 Countries Meet:**

Highlight 'urgent need' for reform in United Nation Security Council (UNSC)

G4 countries reiterate support each other's bids to become permanent members of the UNSC.

G4 countries:

Aim is the permanent member seats on the Security Council.

G4 – **India, Brazil, Japan, Germany.**

Formed in 2007.

❖ **'Eco Alternative Expo and Start-up' conference**

Held in Chennai organised by the TN government

Steps towards the elimination of single-use plastic and also taken leadership in international fora to highlight the pollution it causes.

## SCIENCE & TECHNOLOGY

### ➤ 5G:

5G Spectrum auction ends, Govt earns over Rs 1 50 173 crore

5G – wireless communication technology using radio waves or radio frequency energy to transmit and receive data.

Features: latency - <1 ms

Data traffic – 50 exabytes/month

Peak data rates – 20 Gb/s

Available spectrum – 30 Ghz

Connection density – 1 million connection/square km.

#### Advantages:

High speed

High speed upload/download

Innovation

Reduces tower construction

#### Disadvantages:

High cost

Unequal distribution – Rural Urban divide

Lower battery efficiency

Increasing cyber-crimeS.

### ❖ NIGHT SKY SANCTURAY – LADAKH:

India's first-ever "Night Sky Sanctuary" will be set up in Ladakh.

set up in Ladakh as a part of **Changthang Wildlife Sanctuary** and the proposed Dark Sky Reserve will be completed at Hanle in Ladakh Located atop Mt.Saraswati in Nilankhul plain in hanle valley of Changthang.

Himalayan Chandra Telescope – Hanle

High Energy Gamma Ray Telescope – Hanle

GROWTH-India – Hanle

Initiated by Department of Science and Technology

boost Astro tourism in India and will be one of the world's highest-located sites for optical, infra-red, and gamma-ray telescopes.

R.K. Mathur - Lieutenant Governor of Ladakh

Jitendra Singh - Union Minister of State (Independent Charge)

Science and Technology and Minister of State (Independent Charge)

Earth Sciences.



❖ **ISRO tests system to recover spent rocket stages:**

**Inflatable Aerodynamic Decelerator (IAD)** successfully test-flown by VSSC on a Rohini-300(RH300 Mk II) sounding rocket.

Cost effective recovery of spent rocket stages and safety land payloads on other planets.

Used in ISRO's future missions to Venus and Mars.

**Vikram Sarabhai Space Centre (VSSC) - Thiruvananthapuram:**

Major space research centre of the [Indian Space Research Organisation](#) (ISRO), focusing on rocket and space vehicles for India's [satellite](#) programme.

[Thumba Equatorial Rocket Launching Station](#) (TERLS) in 1962.

❖ **Nano Urea:**

Nano Urea, a fertilizer patented and sold by IFFCO (Indian Farmers Fertiliser Cooperation)


Government approved commercial use, because it reduces the import bill.

Ramesh Raliya, who is credited as the inventor of Nano Urea.

❖ **National Deworming Day Programme:**

Cover over 2.6 crore children and women excluding pregnant and lactating women in TN.

Given Albendazole Tablets.



**Deworming infants, children and women for better health**

Intestinal parasitic worms (soil-transmitted helminths) are spread through soil, contaminated by human faeces.

Worm infections interfere with children's nutritional uptake and can result in malnourishment, anaemia, and stunted growth.

**Periodic treatment of at-risk populations reduces the intensity of infection. No individual diagnosis is needed.**

**Treatment with what?**

Free deworming medicines such as albendazole or mebendazole

**Why treat everyone?**

To reduce ill health (malnutrition, anaemia, impaired growth); To prevent others from acquiring severe infection

**Who should be treated?**

Preschool, school-age children and women of reproductive age

**Where can treatment be sought?**

Schools and community health centres

**Global target: To reach 75% of children in need of treatment by 2020**

### ❖ **Cloudbursts:**

Violent and voluminous amounts of rain pouring down in a short duration over a small area.

IMD definition – over **100mm rainfall in one hour** is called a cloudburst. It usually occurs over a small geographical region (20-30 sq.km)

Tall cumulonimbus clouds causing can develop quickly as the moisture updraft happens rapidly 60-120km/hr.

Cloudburst occur mostly over the rugged terrains over the Himalayas, Western Ghats, and north eastern hill states of India.

Often occur during the monsoon seasons.

### ❖ **Rabies:**

Diseases caused by a family of viruses called the lyssaviruses and found in a range of mammals. 100% fatal to the host animal.

Spread to the people from the bite of dogs or a cat as they are the most common pets.

Rabies Immunoglobulin injection (rabies anti bodies) followed by anti-rabies vaccine.

### ❖ **IBM Quantum network:**

IIT-Madras is now a member of IBM Quantum network.

First Indian institution to receive membership.

Launched a course on Quantum Technologies under NPTEL.

Setting up an IITM\_IBM Quantum Innovation Hub

### ❖ **Blended Bio-diesel:**

Indian Air Force AN-32 transport aircraft modified to operate on 10% blended bio-diesel

To reduce carbon footprint

Biodiesel is a form of diesel fuel derived from plants or animals and consisting of long-chain fatty acid esters.

### ➤ **Centre of Excellence for Rare Diseases:**

CoE for Rare Diseases to Institute of Child Health and Hospital for Children, Egmore

Set up under the National Policy for Rare Disease 2021, which aims to lower the incidence and prevalence of rare diseases based on an integrated and comprehensive preventive strategy.

### ❖ **Lumpy Skin Disease:**

LSD virus has killed at least 50000 cattle in India this year

In August 2019, suspected cases of LSD were observed on Odisha.

#### **LSD:**

LSD is caused by infection of cattle or water buffalo with the poxvirus Lumpy Skin Disease Virus (LSDV)

It primarily consists of fever, fluid excretion from eyes and nose, dribbling of saliva from the mouth and blisters on the body.

The animal stops eating and faces problems while chewing or eating, resulting in reduced milk production.

Lumpi-ProVacInd –a vaccine developed by Indian Veterinary Research Institute and ICAR National Research Centre on Equines.

### ❖ **ISRO Rohini RH-200 sounding rocket:**

ISRO set to launch 199<sup>th</sup> and 200<sup>th</sup> Rohini RH-200 sounding rocket in October.

ISRO completed 198<sup>th</sup> consecutive successful flights – VSSC, Thumba.

#### **Rohini RH-200:**

Two stages rocket capable of climbing to a height of 70km bearing scientific payloads.

Powered by solid motors.

First sounding rocket to be launched from Thumba was the American Nike – Apache on Nov 21, 1963.

Today small satellites launched both from Thumba Equatorial Rocket Launching Station (TERLS) and the Satish Dhawan Space Centre, Shriharikota.

ISRO has launched more than 1600 RH-200 rockets so far.

### ❖ **NASA's Perseverance rover:**

Mars rover collects four rock samples.

The samples will be the first-ever returned from mars.

### ❖ **NavIC system in Indian smart phones:**

Union govt pushing mobile company to make smart phones with use of its regional navigation satellite system called **NavIC (Navigation with Indian Constellation)**.



NavIC provides more accurate domestic navigation and that its use would benefit the economy. It reduces dependency on foreign systems.

**NavIC:** Autonomous regional satellite navigation system that provides accurate real-time positioning and timing services.

It covers India and a region extending 1,500 km.

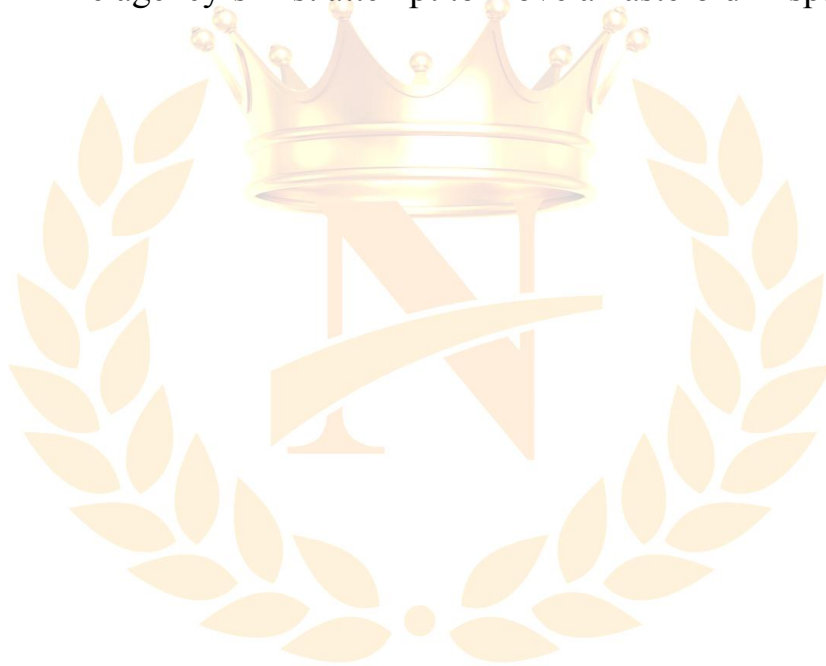
Satellites in orbit – 7 (3 – GEO, 4 - GSO)

### ❖ **DART - Double Asteroid Redirection Test:**

NASA space mission aimed at testing a method of planetary defence against near-Earth objects.

the world's first planetary defence technology demonstration successfully impacted its asteroid target on 26.09.2022.

The agency's first attempt to move an asteroid in space.





## **AWARDS**

➤ **Construction industry awards:**

**R.S.Isabella** (Repco Micro Finance Bank) – women capacity building award.

❖ **Capital Foundation Society Lecture:**

Capital Foundation Lifetime Achievement Award – **Naveen Patnaik**, chief minister of Odisha.

❖ **Dr.Radhakrishnan Award:**

Ministry of School Education of TN given 393 Awards for Best Teachers on National Teacher Day (September 05).

❖ **The Hindu Business Line Change Maker Award:**

**Suchitra Ella** – MD of Bharat Biotech – receive changemaker of the year award.

**Malini Parthasarathy** – chairperson of The Hindu Group.

❖ **74<sup>th</sup> Emmy Awards:**

Best drama series winner – Succession

Best comedy series winner – Ted Lasso

**Lee Jung-Jae**, first Asian to win best drama series actor

❖ **Hoysaleswara temple:**

Located in Karnataka.

Hoysala structure is an aspirant for the tag of **World Heritage Structure which given by UNESCO.**

Hoysala architecture is the building style developed under the rule of the Hoysala Empire between the 11th and 14th centuries.

Apart from the magnificent temples at Belur and Halebid, Hoysala rulers have built many beautiful temples in Karnataka.

**UNESCO:**

United Nations Educational, Scientific and Cultural Organization is a specialised agency of the United Nations (UN) aimed at promoting world peace and security through international cooperation in education, arts, sciences and culture.

HQ – Paris – France.

Formed – 1945

❖ **Toronto international film festival:**

Vinay Shukla's feature length documentary, **"While We Watched"** has won the **Amplify Voices Award**.

➤ **Meena Kandasamy:**

Received **Hermann Kesten Award**, which recognizes her work on the themes of caste, gender, ethnic oppressions.

German literary award presented annually for outstanding efforts in support of persecuted writers.

➤ **Chhello Show (Last Film Show) movie:**

India's official entry for the 95<sup>th</sup> Academy Awards in the best international film category.

Director – Pan Nalin

➤ **Asha Parekh:**

Veteran Bollywood actor gets **Dadasaheb Phalke Award for 2020** for her exemplary lifetime contribution to Indian cinema.

➤ **Sports Journalist Federation of India (SJFI) Award:**

**Sunil Gavaskar and Ravu Shastri** awarded SJFI Medal

## **PERSONALITIES**

❖ **Sanoli Gun:**

**First chief of Asia Oceania Women in Mathematics (AOWM).**  
Committee for women in mathematics, which is a part of  
International Mathematical Union.  
AOWM the continental organisation for women mathematicians.  
IMU awards the Fields Medals, the highest honour in mathematics.  
Sonoli Gun who professor of Institute of Mathematics Science in  
Chennai.

❖ **B.B.Lal:**

Veteran Archaeologist.  
Former director general of ASI (Archaeological Survey of India).

❖ **Swami Swaroopanand Saraswati died:**

He was Dwaraka Peeth Sankaracharya.  
Sankaracharya of the Dwarka-Sharda peeth in Gujarat and Jyotish  
Peeth in Uttarakhand.

❖ **Jean-Luc Godard:**

One of the most influential French film makers in 20<sup>th</sup> century died  
International film festival of Kerala conferred lifetime achievement award in  
2021.

❖ **William Ruto - Kenyan president:**

Kenya capital – Nairobi

❖ **Queen's Elizabeth funeral:**

Indian president Droupadi Murmu to join 500 world leaders at  
Queen's funeral.

❖ **Raju Srivastava – died:**

Indian comedy actor.  
Got a title of 'king of comedy'

❖ **Rajiv Bahl:**

Appointed as Director General of Indian Council of Medical  
Research (ICMR).

❖ **Hilary mantel died:**

First British novelist to win the booker prize twice.

1. Wolf hall – 2009
2. Bring up the bodies – 2012

❖ **Ajay Kumar Srivastava:**

Managing Director (MD) and Chief Executive Officer (CEO) of **Indian Overseas Bank (IOB)**.

➤ **Venkataramani:**

Appointed the **Attorney General** by president Droupadi Murmu for a period of three years.

Venkataramani will succeed K.K. Venugopal.

**Attorney General of India:**

**Article 76** provides appointment of AGI by president.

Indian government's chief legal advisor, and is its chief advocate in the courts.

➤ **Lt. Gen. Anil Chauhan:**

Appointed as Chief of Defence Staff (CDS)

Former general office commanding-in-chief, Eastern Army Command  
2<sup>nd</sup> CDS after death of country's first CDS General Bibin Rawat

❖ **L. Adimoolam:**

Appointed as a **Director of Press Trust of India** board  
K.N. Shantha Kumar vice-president of PTI board



## SPORTS

- ❖ **All India Football Federation (AIFF) new president – Kalyan Chaubey.**  
**AIFF NEW SECRETARY - Shaji Prabhakaran.**

- ❖ **Serena Williams retirement:**

American professional **tennis player**. She was ranked world No. 1 in singles by the Women's Tennis Association (WTA) for 319 weeks, including a joint-record 186 consecutive weeks, and finished as the year-end No. 1 five times. She won **23 Grand Slam singles** titles.

Serena holds the most combined major titles in singles, doubles, and mixed doubles among active players, with 39

23 in singles

14 in women's doubles

2 in mixed doubles

- ❖ **Ultimate Kho-Kho – Pune:**

**Odisha Juggernauts** won over Telugu Yoddhas in final held in Pune.

- ❖ **Suresh Raina:**

Raina retires from all forms of cricket.

Former India cricket player and CSK player.

- ❖ **Payas Jain and Yashaswini Ghorpade:**

**Table Tennis** players won gold medal in mixed double Asian junior Table tennis championship at Vientiane, Laos.

- ❖ **National Aquatic Championships – Guwahati:**

**A.K. Lineysha** by winning the women's 200m breaststroke crown with new meet record.

- ❖ **National Aquatic Championships – Guwahati:**

**Maana Patel and Astha Choudhury** hogged the limelight by setting new meet record.

- ❖ **Neeraj Chopra:**

Javelin thrower.

First Indian to win a gold medal in **Diamond League** title held in Zurich-Switzerland.

His throws 88.44m

Second place - Jakub Vadlejch – Czech Republic

Third place – Julian Weber – Germany

### ❖ **Chennai open tennis 2022:**

The WTA250 Chennai Open will be held at the SDAT Stadium in Nungambakkam from September 12 to 18.

The hard-court event will mark the return of a WTA tournament to India for the first time since 2008 in Bengaluru.

For Chennai, it will be the first international tour-level event since the ATP250 tournament in 2017.

#### **Single:**

**Linda Fruhvirtova (Czech republic)** victory over Magda Linette (Poland).

#### **Double:**

**Luisa Stefani & Gabriela Dabrowski** victory over anna blinkova & Natela Dzalamidze.

### ❖ **Duleep Trophy:**

Domestic first-class cricket competition played in India.

Named after Kumar Shri Duleepsinhji of Nawanagar (also known as 'Duleep').

The competition was originally contested by teams representing geographical zones of India.

### ❖ **Durand cup:**

Tournament is the oldest existing club football tournament in Asia and third oldest in the world.

Bengaluru victory over Mumbai city FC in the final of 131<sup>st</sup> Durand cup in Kolkata.

### ❖ **Asai cup 2022:**

Sri Lanka won by defeating Pakistan.

Asia cup held in Dubai – UAE.

Participated countries – India, Pakistan, Srilanka, Bangladesh, Afghanistan, Hong-kong.

Man of the series – Hasaranga.

Super four:

1.srilanka

2.pakistan

3.india

4.afghanistan

❖ **U.S Open:**

Fourth and final tennis major (Grand Slam event) of the year.

**Men single:**

**Carlos Alcaraz (Spain)** won over Casper Ruud (Norway)

**Women single:**

**Iga Swiatek (Poland)** won over Ons Jabeur (Tunisia)

❖ **Max Verstappen:**

Won Italian Grand Prix held in Monza.

Max Verstappen (belgium) who Formula one championship leader.

❖ **Jehan Daruvala:**

Indian's daruvala raced to his fourth Formula 2 win in the championship feature race in Monza at Italy.

❖ **Robin Uthappa:**

Indian cricket player (karnataka) retires from all form of cricket

❖ **FIBA Asian Women's U-18 Championship:**

Basket ball tournament Held in Bengaluru.

Australia defeated China.

3<sup>rd</sup> place Japan.

❖ **SAFF (South Asian Football Federation) U-17 championships:**

Held in Sri Lanka

India defeated Nepal in final

❖ **Pranav Anand:**

India's **76<sup>th</sup> Grand Master** from Bengaluru.

Crossed the 2500 Elo mark during the World Youth Chess Championship

❖ **Roger Federer Retirement:**

**Swiss Tennis Player**

Federer to retire after Laver Cup

Winner of 20 grand slam titles

### ❖ **World Youth Chess Championship:**

Held in Mamaia, Romania.

Pranav Kumar (76<sup>th</sup> grand master) won the open (under-16) title

Illamparathi claimed the open (under-14)

### ❖ **Sudha Singh retires:**

Indian Olympic **athlete** in the 3000 metres steeplechase event.

Asian Game gold medallist in 2010.

### ❖ **World Wrestling Championships – Belgrade:**

**Bajrang Punia** won Bronze medal in 65kg bronze medal match.

### ❖ **Igor Stimac:**

**Croatian football player.**

All India Football Federation approves **National coach** Igor Stimac for a contract extension beyond the 2023 AFC Asian Cup.

### ❖ **Dilip Tirkey:**

Elected as **president of Hockey India** team

Former captain of Indian hockey team

### ❖ **HCL-SRFI PSA Indian Tour:**

Squash tournament held in Chennai

**Men's championship:**

**India's Abhay Singh**

**Women's championship:**

Egypt's Kenzy Ayman

### ❖ **Julius Baer Generation Cup:**

Online rapid chess tournament

World champion Magnus Carlsen won the cup.

2<sup>nd</sup> place – Arjun Erigaisi

### ❖ **FIDE World Cadets Championship:**

Held in Batumi, Georgia.

A.Charivi (U-8) and Shubhi Gupta (U-12) world championship

Safarullakhan Safin (U-8) won bronze.



➤ **36<sup>th</sup> National Games of India 2022 - Gujarat:**

Opening ceremony at Narendra Modi stadium, Ahmedabad.

From 29 sep 2022 - to 10 oct 2022, Events - 36

Logo depicts Asiatic lion and statue of unity

Moto – Celebrating unity through sports.

Mascot – Asiatic lion



## **DAYS**

➤ **September 2 – World Coconut Day**

Theme – “Growing coconut for a better future and life”

❖ **September 8 – International Literacy Day:**

Observed by UNESCO.

Theme “Transforming Literacy Learning Spaces”.

❖ **September 09 - International Day To Protect Education From Attack**

❖ **September 10 – world suicide prevention day:**

Theme – “creating hope through action”

❖ **September 14 – Hindi Diwas:**

This date is also the birth anniversary of Beohar Rajendra Simha  
He has been instrumental in writing Hindi in Devanagari script.

❖ **September 15 – Engineer’s Day:**

To recognise and honour the achievements of the great engineer **Visvesvaraya**.

Along with India, Visvesvaraya’s great works are also celebrated  
in Sri Lanka and Tanzania on September 15 as Engineer’s Day.

❖ **September 17 – World Patient Safety Day:**

Theme – “Medication safety”

➤ **September 18 - World Bamboo Day:**

Theme – “Bamboo for Green Life and Sustainable Development”

❖ **September 18 – Third International Equal Pay Day:**

Progress made towards closing the ‘gender pay gap’

Realisation of the ‘principle of equal pay for work of equal value’

➤ **September 21 – International Day of Peace:**

Theme – “End Racism. Build Peace”

❖ **September 22 – World Rhino Day:**

Theme – “Five Rhino Species Forever”

Rhino population in India: India has 3700 Indian rhino in 2021.

Majorly distributed in assam Kaziranga and Orang National Park.

❖ **September 23 – International Day of Sign Language:**

Theme – “Sign Language Unite Us”

❖ **September 22 – World Rose Day:**

Theme – “Instil hope, confidence, and joy in the minds of people who fight cancer”

❖ **September 24 – World Maritime Day:**

Theme – “New technologies for greener shipping”

❖ **September 28 – World Rabies Day:**

Theme - 'Rabies: One Health, Zero Deaths.'

➤ **September 29 – World Heart Day:**

Theme – “Use Heart for Every Heart”

➤ **September 29 - International Day of Awareness of Food Loss and Waste.**

❖ **September 30 - International Translation Day 2022**

Theme - "A World Without Barriers."

➤ **World Alzheimer’s Month:**

World Alzheimer's Month is a global opportunity to raise awareness around, educate, encourage support of and demystify dementia.

World Alzheimer's Day takes place on 21 September as part of World Alzheimer's Month.

**Alzheimer's disease** - progressive neurologic disorder that causes the brain to shrink (atrophy) and brain cells to die.

Alzheimer's disease is the most common cause of dementia.