

ARUL IAS ACADEMY

TNPSC CURRENT AFFAIRS - ENGLISH SEPTEMBER-2021





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1. TAMIL NADU NEWS

Activities which held up in Tamil Nadu during September 2021

TNSCB renamed Urban Habitat Development Board



- Chief Minister M.K. Stalin announced that the Tamil Nadu Slum Clearance Board (TNSCB) would now be called the Tamil Nadu Urban Habitat Development Board.
- Mr. Stalin said the Slum Clearance Board was launched when M. Karunanidhi was the Chief Minister of the State in 1971.

Stalin announces celebrations for V.O.C's 150th birth anniversary



- The 150th birth anniversary of V.O.C fell on 5th September, 2021.



Important announcements

- Setting up a bust of VOC in the Hall inside Gandhi Memorial in Chennai, where the oil press pulled by VOC is placed and renovation of the hall.
- Renaming Great Cotton Road in Thoothukudi after VOC
- Setting up a life size statue of VOC in VOC Park in Coimbatore
- Renovation of the VOC house in Ottapidaram in Thoothukudi district and memorial in Tirunelveli and to set up an audio-visual show to showcase the history of VOC in both places.
- Setting up of a research chair in the name of VOC in Manonmaniam Sundaranar University in Tirunelveli
- To name all the government buildings to be constructed in Thoothukudi and Tirunelveli districts, from September 5 this year to September 5, next year, after VOC.
- To republish all the books of the VOC and to sell them at cheaper prices through Tamil Nadu Textbook Corporation.
- To allot Rs 1.05 crore to construct additional classes, an art gallery and a memorial arch in the school in Tirunelveli in which VOC and Bharathiyar studied.
- To institute an award in the name of VOC for those who excel in the ship industry. The awardee will be given Rs 5 lakh cash prize and a certificate of appreciation.
- November 8th, the day VOC passed away, will be observed as Martyrs day.
- The film showcasing the biography of VOC will be digitalized and will be released to help the current generation to know about him.
- A bus will be designed in which a photo exhibition of VOC will be set up and the bus will be sent to all educational institutions.
- An online conference on VOC would be arranged through Tamil University
- The books and articles written by VOC would be republished and would be published online too.

State govt plans mini stadia, 4 Olympic academies

- The Tokyo Olympics saw 11 Tamil Nadu athletes being part of it, and the state government appears keen to see that number rise at the Paris Games in 2024. In a major thrust to sports, the TN government --- at the ongoing assembly session --- have put forth the idea of setting up a mega sports city near Chennai and plans to build Olympic academies in four regions of the state.

TN government to construct manimandapam for 19th century social reformer Iyothee Thass Pandithar



- The Tamilnadu State government would construct a manimandapam in north Chennai Iyothee Thass Pandithar.
- This is to mark the 175th birth anniversary of the social reformer from the 19th century.
- Iyothee Thass Pandithar found the Dravida Mahajana Sabha in 1891.
- He founded Oru Paisa Thamizhan and later ran it as Thamizhan.

Tamilnadu State to excavate three more archaeological sites, says Minister



- The Tamilnadu State government will undertake archaeological excavations in three new places – Vembakkottai in Virudhunagar district, Thullukkarpatti in Tirunelveli district and Perumpalai in Dharmapuri district.
- It would be undertaken in addition to the ones under way in Keeladi, Sivagalai, Mayiladumparai and Gangaikondacholapuram.
- The government would also undertake scientific site inspections to locate Neolithic sites and those along the banks of Tamiraparani during 2021-22.
- The Institute of Archaeology would be restructured and renamed Tamil Nadu Institute of Archaeology and Museology.
- Sites where ancient inscriptions are found in Mudhalaikulam and Arittapatti in Madurai district, Poolankurichi in Sivaganga district, Thondur and Theganurpatti in Villupuram district would be declared protected monuments.

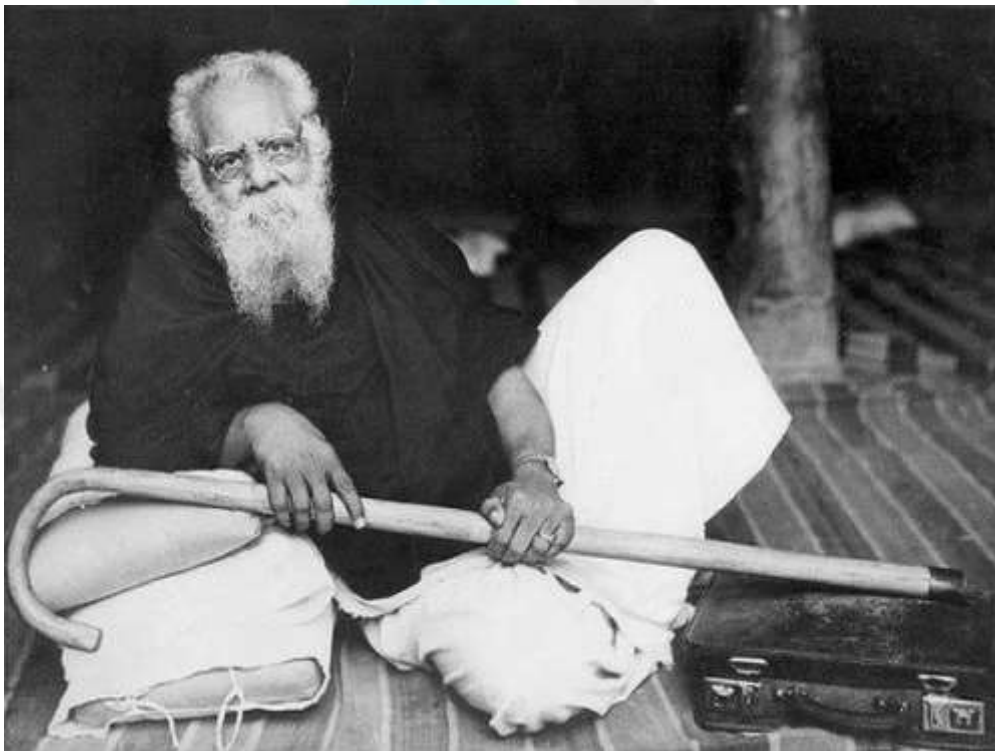


- Steps would be taken to bring back 'Leiden plates' from the Netherlands which throw light on the history of legendary Tamil king Rajaraja Chola and also Buddhist viharas in Nagapattinam district.
- The Efforts would be taken to locate the 'Anbil plates' which is featured in Epigraphia Indica, the official publication of Archaeological Survey of India.

TN to cancel 1% market entry tax on sale value of cotton, waste cotton

- TN Govt to introduce a suitable amendment in the Tamil Nadu Agricultural Produce Market Regulation Act, 1987 during the current Assembly session
- Fulfilling the long pending demand of the weavers, the Tamil Nadu government will cancel the 1 per cent market entry tax on the sale value of cotton and waste cotton.
- Making a statement in the Assembly, Chief Minister MK Stalin said that under the Tamil Nadu Agricultural Products (Regulation) Act 1987, cotton bales, cotton and waste cotton are treated as agricultural commodities and a tax of 1 per cent (market fee) is levied on purchases or sales in market areas in Tamil Nadu.

TN to observe Periyar's birth anniversary as Day of Social Justice



- The birth anniversary of social reformer and Dravidar Kazhagam founder 'Periyar' E.V. Ramasamy's birthday would be observed as 'Day of Social Justice' in Tamil Nadu on September 17 every year.
- The first amendment to the Indian Constitution came about because of Periyar, who never went to the Parliament.
- On that day there will be a pledge to follow the principles of self-respect, rationalism, brotherhood, equality, humanitarianism and social justice.

TN tables bill making it must for shop owners to provide seating for staff

- It is mandatory for shops and showrooms across the State to provide seating facilities to employees who works standing.
- This is a direct intervention of the State in the affairs of private sector
- The Bill was introduced by the Labour Welfare and Skill Development Minister CV Ganesan to amend the Tamil Nadu Shops and Establishments Act, 1947.
- It was started with Kerala.
- A State labour advisory board meeting unanimously approved the need to provide seating facilities for employees on September 4, 2019.

Solar power parks in all districts

- The Tamil Nadu Generation and Distribution Corporation (Tangedco) will set up solar power parks in every district, based on their commercial viability, Electricity Minister V. Senthilbalaji announced in the Assembly.
- In view of the increasing demand for power, the solar power parks, with a capacity of 4,000 MW, will be installed based on their commercial viability in districts that are not within municipal corporation and municipality limits, the Minister said.
- “To avoid purchasing power from private players at higher prices, solar power parks will be set up to produce 20,000 MW in 10 years,” he said.

Adi Dravidar and Tribal Welfare Commission coming



- The Chief Minister Stalin tabled a bill (called The Tamil Nadu State Commission for the Scheduled Castes and Scheduled Tribes Act, 2021) to set up panel for SC/ST members.



- It will have the powers of a civil court trying a suit under the Code of Civil Procedure, 1908.
- It will have a chairperson, a vice-chairperson and five other members.
- Three of them will be from SCs, two from STs and a woman member.
- The commission will inquire, Suo moto or on a petition presented to it by a victim or any person on his/her behalf.
- It will enquire the complaints of violation of any right provided under the Protection of Civil Rights Act, 1955, and the Scheduled Castes and Scheduled Tribes (Prevention of Atrocities) Act, 1989.
- The National Commission for the SCs and STs will prevail over the yet to be set up state commission.
- The commission can recommend action against public servants who are negligent in preventing such violations.
- The commission is expected to investigate and monitor safeguards present in various legislations, in the interest of SC/STs and promote awareness of the same.
- The state government will consult the commission on policy matters related to the community.
- The commission will also carry out research work to avoid discrimination.

Carbon dating reveals that the Thamirabarani civilisation is 3200 years old



- The Chief Minister M.K. Stalin announced the setting up of a museum, the Porunai Museum in Tirunelveli at a cost of ₹15 crore.



- The rice with soil was found in a burial urn in Sivakalai in Tirunelveli district.
- The carbon dating analysis has yielded the date of 1155 BCE.
- The Beta Analytic Testing Laboratory in Miami, in the United States released the test report in this regard.
- The finding has established that the Porunai River (Ancient name of Thamirabarani) civilization dates back to 3,200 years.
- This is the oldest time period established from findings in the excavations carried out in Tamil Nadu.
- It is much older than the Vaigai River civilization, which is believed to be 2,600 years old.
- The excavation in Keeladi had also established that an urban civilization existed on the banks of River Vaigai that was contemporary to the Gangetic plain civilization.
- The latest finding has once again narrowed the gap between civilizations in the south of Vindhyas and the Indus Valley Civilization (IVC).
- Earlier it was believed that there was no city civilization in south India.
- The first urbanization in the sub-continent happened in the IVC.
- The second urbanisation happened on the banks of the Ganga at the end of the Mauryan period.
- Now it is found that even before the Mauryan period, there were silver coins found in Adichanallur.
- Adichanallur, Korkai and Sivakalai are all sites on the banks of the ancient Porunai (Thamirabarani river) presently in the Thoothukudi district of Tamil Nadu.
- Earlier, Adichanallur excavations established that a civilisation thrived even in the 980 BC.
- Adichanallur and Sivakalai have served as habitations, while Korkai was the port.
- Stalin said archaeological excavations would be carried out in other States and countries in search of Tamil roots there.
- In the first phase, studies would be undertaken at the ancient port of Musiri, now known as Pattanam in Kerala.
- Similar studies will be held at Vengi in Andhra Pradesh, Thalaikadu in Karnataka and Palur in Orissa.
- The State Archaeology Department would conduct research in Quseir al-Qadim and Pernica Anekke in Egypt.
- It was once part of the Roman empire as well as in Khor Rori in Oman.
- It is to establish Tamils' trade relations with these countries.
- Studies would also be conducted in South-East Asian countries such as Indonesia, Thailand, Malaysia and Vietnam, where the Chola King Rajendra had established supremacy.

Bharathiyar's death anniversary to be celebrated as 'Mahakavi Day': CM Stalin



- Chief Minister M.K. Stalin on Saturday paid floral tributes to the portrait of poet and freedom fighter Mahakavi Subramania Bharathi on Kamarajar Salai, marking the poet's 100th death anniversary.
- The Chief Minister had made **14 announcements** about observing the 100th death anniversary of Bharathiar.
- The poet's death anniversary will be commemorated as 'Mahakavi Day'. Poetry competitions will be held at the State level for school and college students, and the 'Bharathi young poet' Award will be given to a boy and a girl student, along with a prize money of ₹1 lakh each.
- Select songs and articles of Bharathi will be compiled into a book titled *Manathil uruthi vendum*. A research chair in the name of Bharathiar will be established at the Bharathidasan University in Tiruchi, the Chief Minister said. Tamil associations across the world will be roped in for various activities, and for the next year, weekly programs will be organised by the Information Department at Bharathiar's memorial in Chennai, Mr. Stalin had added.
- The State will provide financial aid to maintain the house in which Bharathi stayed in Kasi, Uttar Pradesh. The proposed park, to be set up by the Rural Development Department, for the welfare of women from SHGs, will be named after Bharathi, the Chief Minister had said. He also announced a cash award of ₹3 lakh each, along with appreciation certificates, to scholars who have done research on the poet and his works. Financial aid will be provided to those interested in making short films and dramas about Bharathi's work. Displaying of his songs in writing and art forms in schools, colleges and bus stops and other important places, were also among the announcements made by the Chief Minister.
- In Madurai, Collector S. Aneesh Shekhar said the district administration would seek the government's approval for installing a life-size statue at the



Sethupathi Higher Secondary School on North Veli Street, where the poet had served as a teacher.

- In Tirunelveli, Madras High Court judge G. R. Swaminathan and the pontiff of the Madurai Adheenam participated in an event at the MDT Hindu College Higher Secondary School, where the poet had studied.
- At the Bharathiar University in Coimbatore, a musical tribute was paid.

R N Ravi sworn in as Tamil Nadu governor



- Ravindra Narayan Ravi was sworn in as the 26th governor of Tamil Nadu. He succeeded Banwarilal Purohit who has been appointed as the governor of Punjab and the administrator of the Union territory of Chandigarh.
- Chief Justice of the Madras high court Sanjib Banerjee administered the oath of office to Ravi at an event held on the lawns of Raj Bhavan in Guindy.
- Chief secretary V Irai Anbu read out 'warrant of appointment' issued by President Ram Nath Kovind to Ravi on September 9.

Over 1,672 POCSO cases filed in State this year until June

- More than 1,672 cases were filed under the Protection of Children from Sexual Offences (POCSO) Act in Tamil Nadu until June this year, according to a policy note on the Home Department tabled by Chief Minister M.K. Stalin in the Assembly.
- Of them, 1,252 were booked for raping minors and 420 were booked for other offences.
- However, the note said that for the year 2021 up to June 30, the data given were tentative and the crime statistics for the year were yet to be published.
- In 2019, 2,396 cases under the POCSO Act were reported and 3,090 cases were reported in 2020.
- As for the crimes against women, 197 rapes, 11 dowry deaths, 336 cases of cruelty by husbands and relatives, 416 cases of molestation and 381 cases of kidnapping were reported until June.

CM Stalin inaugurates Tamil Nadu's first Genetic Analysis Laboratory



- The Chief Minister M K Stalin inaugurated the Genetic Analysis Laboratory at DMS campus in Chennai.
- For the first time, a State has set up its own genetic laboratory in India.
- The lab will help authorities look for variants of SARS-CoV-2.
- The COVID-19 samples were sent to the Union Government-run genetic analysis laboratories in Karnataka and Telangana.
- Tamil Nadu has sent all samples to the Bengaluru-based Instem as per recommendations from the Centre.
- Instem is part of INSACOG (a consortium of 10 labs that track the presence of variants in Covid samples).

TN government to bear tuition fees of students getting admission into professional courses under 7.5% quota



- Tamil Nadu Chief Minister M K Stalin announced that his government will bear the tuition and hostel fee for government school students who get into engineering colleges through the 7.5 per cent quota.
- The Assembly had last month passed a bill to provide 7.5 per cent reservation in admission to professional courses like engineering, agriculture, and law for students from government schools. The move come a year after the then AIADMK dispensation brought in legislation to provide 7.5 per cent quota for government school students who have cleared NEET in admission to medical and dental colleges.
- Stalin made the announcement at an event held at Anna University, the premier engineering institute in the state, to hand over admission orders to students under the new quota.
- 10,000 students who will get admission to engineering colleges and another 350 into law, fisheries, veterinary, and agriculture courses will be benefitted from the government's move, Stalin said.

Tamil Nadu's Kovalam beach, Puducherry's Eden get Blue Flag certification



- Two more beaches in India have been awarded **“Blue Flag” certification**, an international eco-level tag, taking the total number of such beaches in the country to 10. The two beaches to receive the certification this year are **Kovalam in Tamil Nadu** and **Eden in Puducherry**.

Stalin aims to make Tamil Nadu USD 1 trillion economy by 2030

- The five-year strategy for economic growth was unveiled by Chief Minister MK Stalin as TN targets a \$1 trillion economy by quadrupling its exports in nine years.
- TN will adopt a two-pronged approach,
 - export promotion and
 - export diversification
- This is to achieve its aim of a \$1 trillion economy by 2030.
- The State is setting up an Export Promotion Council under the Chief Secretary to boost exports.
- TN is also looking at developing two economic employment enclaves, in Mannasellore and Thoothukudi, in one phase.
- Tamilnadu is third place in India in terms of exports.
- The slogan for this will be Made in Tamilnadu and Etrrumathiyil Etram.

Govt. to boost medical infrastructure

Adding facilities

Among the other announcements that Health Minister Ma. Subramanian made in the Assembly as part of the government's move to boost medical infrastructure were:



- 188 ambulances will be procured at a cost of ₹69.18 crore

- Data cell to be started for the Indian systems of medicine and homeopathy

- Indian medicines to be distributed under the Makkalai Thedi Maruthuvam scheme

- Tamil Nadu Agricultural University and Tamil Nadu Medicinal Plants Board to identify and save medicinal herbs

- TAMPCOL medicines to be made accessible through State co-operative societies

- Kalaighnar's 'Varummun Kappom Thittam' to be revived

- District Tobacco Control Cell to be established in 10 districts

- Sensory Therapeutic Park for special children to come up in 16 government medical college hospitals

- Human breast milk banks to be established in seven government medical college hospitals and five district headquarters hospitals

- 2,440 staff nurses to be appointed in 2,440 health sub centres

- 2,448 health inspectors to be appointed for epidemic control activities

- 50 dialysis units will be procured and supplied to eight government hospitals

- Emergency care and recovery care to be extended to 22 government medical college hospitals

India's first dugong conservation reserve to come up in Tamil Nadu

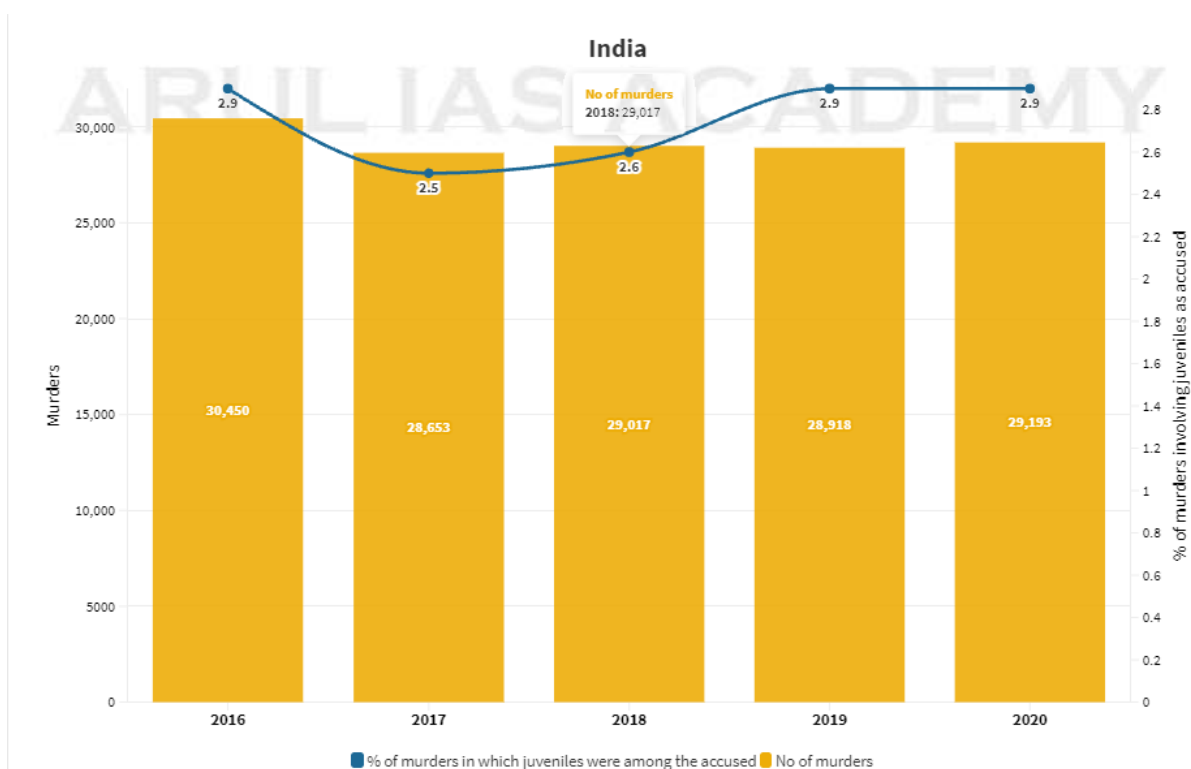


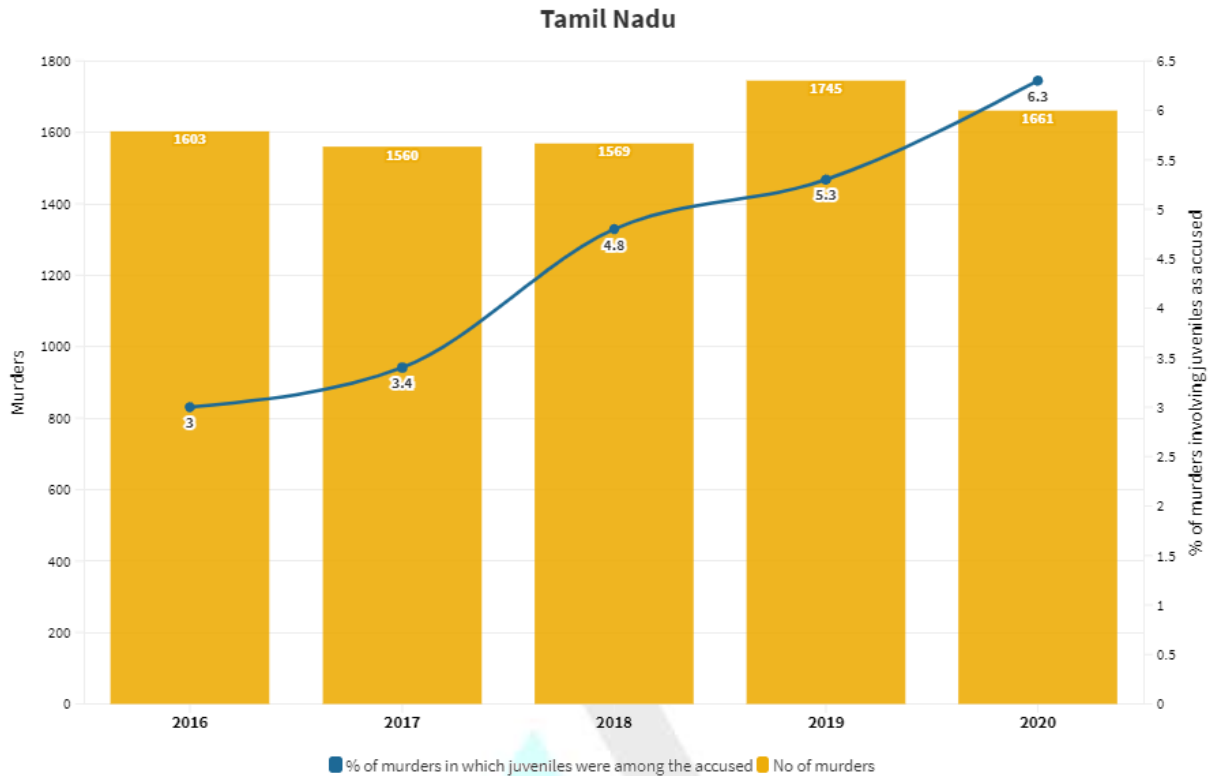
- Tamil Nadu state government has announced to set up **India's first dugong conservation reserve** at the northern part of the **Palk Bay**. Dugong are commonly known as sea cows.
- According to Wildlife Institute of India (WII) estimates, only **200-250 Dugongs** are left in the wild, of which 150 are found in the Palk Bay and Gulf of Mannar in Tamil Nadu.

Murders with juveniles as accused doubled in five years in Tamil Nadu



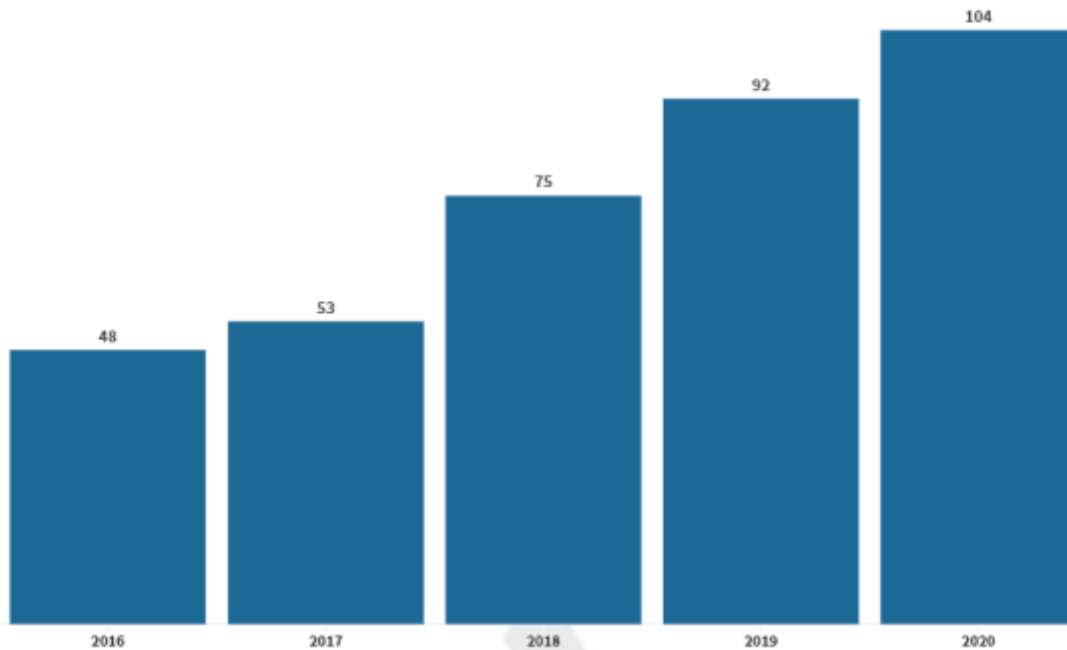
- This was despite no sharp increase in the overall number of murders every year since 2016
- The number of murder cases in which juveniles were named as accused has more than doubled in the five years from 2016 to 2020 in Tamil Nadu, according to National Crime Records Bureau (NCRB) reports.
- This was despite no sharp increase in the overall number of murders that took place in the State every year since 2016. While 48 of the 1,603 murders (3%) had juveniles among the accused in 2016, 104 of the 1,661 murders (6.3%) in 2020 involved juvenile offenders.
- The below graphs show the number of murders that happened in India and in Tamil Nadu in the past five years and the percentage in which juveniles were booked as accused. As the graphs show, while this percentage remained fairly constant nationally, Tamil Nadu saw a steady rise.





- Murders with juveniles as the accused have steadily increased in the past five years. Between 2019 and 2020, while the total number of murders in the State declined from 1,745 to 1,661, cases in which juvenile were booked increased from 92 to 104.
- The increasing trend in Tamil Nadu was in contrast to the national average. Across the country, the percentage of murders in which juveniles were counted among the accused has remained just below 3. Among the places that reported a significant number of murders, Delhi (12.1 %), Gujarat (6.7%) and Madhya Pradesh (6.4%) had a relatively higher percentage of murders involving juvenile offenders than Tamil Nadu. However, Tamil Nadu was the only major State that saw a steady increase in the percentage in the past five years.
- Chennai, the Madurai rural police jurisdiction, the Madurai city police jurisdiction, Tiruvallur and Thoothukudi districts reported the highest number of murders with juvenile offenders in absolute numbers.
- The trend of juveniles getting in conflict with the law has remained a concern in Tamil Nadu. According to the NCRB's Crime in India report for 2020, among the major States, Tamil Nadu had the fourth highest rate (16.4%) of juveniles getting involved in crime, which referred to the number of cases involving juvenile offenders per one lakh population of those aged under 18.
- *In absolute numbers, while juveniles were involved in only 48 murders in 2016, it increased by more than 100 % to 104 in 2020.*

Number of murders involving juveniles among the accused



- Activists said the sharp increase was alarming. Andrew Sesuraj, State convener, Tamil Nadu Child Rights Watch, said the trend indicated targeted exploitation of children by anti-social elements. “We see increasing incidents of adolescent children getting involved in crimes like theft to meet their lifestyle needs like a mobile phone or a bike. However, such an increase in their involvement in murders is very concerning.”
- He said it was important to look at the possible correlation between this trend and the problematic messaging done in certain movies and other mass media on “using” juveniles to commit murders as the penal provisions for murder under the Juvenile Justice (Care and Protection of Children) Act were less severe than the Indian Penal Code.
- *The table below shows the top ten districts in Tamil Nadu that saw a higher percentage of involvement of juvenile offenders in murders in the year 2020.*



District	Total murders	Murders in which juveniles were among the accused	% of murders in which juveniles were among the accused
Tiruchi City	18	4	22.2
Madurai City	40	8	20
Thiruvallur	43	8	18.6
Tiruppur City	22	3	13.6
Perambalur	15	2	13.3
Thoothukudi	60	8	13.3
Madurai	68	9	13.2
Sivagangai	23	3	13
Chennai	150	16	10.7
Ariyalur	19	2	10.5

- Girija Kumarbabu, child rights consultant and former member of the Juvenile Justice Board, Chennai, said students dropping out of schools required more attention. “There are many students who drop out of school after Class VIII as the exams become mandatory from Class IX. There are also cases in which they remain enrolled, but stop learning. These children fall into the hands of slightly older men who had a similar trajectory and were involved in anti-social activities.”
- Most children who allegedly commit such murders were under the influence of drugs, she said, stressing the need for curbing the availability of and access to drugs.

ARUL IAS ACADEMY



2. SPECIAL NEWS

Very important events can be called as special news

Covid -19 Vaccine & Relief measures

Central Government issues guidelines for COVID death certificates pursuant to SC order

- The Centre has informed the Supreme Court that the Indian Council of Medical Research (ICMR) and the Health Ministry have come up with guidelines for issuing an *official document* for deaths related to Covid.
- In its affidavit, the Centre stated that the Office of the Registrar General of India on 3rd September issued a circular to provide a Medical Certificate for the cause of death to the next kin of the deceased.
- As per the guidelines, those Covid cases will be considered that were diagnosed through RT-PCR test, molecular test, rapid-antigen test at an in-patient facility or a hospital by a doctor while being admitted to a hospital.
- Deaths that have been caused through suicide, poisoning, homicide, or accident won't be considered as Covid -19 deaths even if Covid was an accompanying condition.
- The guidelines further state that Covid cases that were not resolved and where patients died in the hospital or home and where the Medical Certificate of Cause of Death in Form 4 and 4 A were issued, will be treated as Covid deaths. In this regard, the Registrar General of India will come with the necessary guidelines.
- Deaths that occur within 30 days of testing positive for Covid-19 will also be considered as Covid deaths even if the death occurs outside the hospital.
- Still, if a Covid patient was being treated at a hospital and it continued beyond 30 days and they subsequently die, then in such cases the death will be considered a Covid death.
- The guidelines also state that in cases where MCCD was not available or next of kin was not satisfied with the cause of death given to MCCD then States/UTs will notify the Committee at the district level. The guidelines also mention the procedure that the committee has to follow.
- The Committee will also look into the grievance of the next of kin, provide remedial measures, and verify the facts in accordance with the guidelines.
- All applications for issuance of documents and redressal of grievances should be disposed of within 30 days, state the guidelines.

States to Provide ₹ 50,000 Compensation for Each Covid Death: Centre

Relief measure

A look at how the ex gratia of ₹50,000 will be paid as per the NDMA recommendation



The funds:

The States will provide the ex gratia relief from States Disaster Response Fund. The District Disaster Management Authorities will make the disbursement



The procedure:

After documents proving a COVID-19 death are submitted, the claim will be settled within 30 days. The amount will be deposited in Aadhaar-linked bank accounts




Addressing grievances:

District-level committees will deal with grievances regarding certification of death and issue amended documents

- The National Disaster Management Authority (NDMA) issued guidelines on ex-gratia for COVID-19 deaths out of state disaster relief funds.
- It recommended that Rs 50,000 should be paid to the kin of those who died of COVID-19.

DATA POINT

DATA POINT



Rural health and NEET

The profile of students admitted to the MBBS degree in Tamil Nadu has changed drastically since the NEET began to be conducted. Before NEET, a relatively higher share of entrants hailed from the rural areas. They had been educated in Tamil medium schools in the State Board syllabus. Post NEET, the share of these students plummeted. More students from English medium schools located in urban areas and following the CBSE syllabus were admitted for the course. This change in the profile of students could lead to a further shortage of doctors and specialists in rural areas. By **Vignesh Radhakrishnan, Sumant Sen and Jasmin Nihalani**

- 24** Vacancy % of doctors at PHCs in rural India*
- 68** Vacancy % of surgeons at CHCs in rural India
- 56** Vacancy % of obstetricians & gynaecologists at CHCs in rural India
- 63** Vacancy % of paediatrician at CHCs in rural India
- 60** Vacancy % of anaesthetists at CHCs in rural India
- 71** Vacancy % of eye surgeons at CHCs in rural India

1. PROFILE CHANGE | A comparison of the profile of MBBS entrants in TN medical colleges in two select years — one before and another after the implementation of NEET. The figures are from the Justice A. K. Rajan committee report on NEET:

Parameter	2015-2016	2019-20
% of Tamil medium students entering MBBS	16.9	1.7
% of State Board students entering MBBS	99.4	65.7
% of rural students allotted govt. colleges	62.8	49.8
% of repeaters entering MBBS	30.7	69.4
% of first generation MBBS graduates	29.5	17.2

3. DIVIDED HEALTH OUTCOMES | India's health indicators show a wide gulf between urban and rural areas. The following figures are from NFHS-4 (2015-16)

Indicator	Urban %	Rural %
Mothers who had an antenatal check-up in the first trimester (%)	69.1	54.2
Mothers who had at least 4 antenatal care visits (%)	66.4	44.8
Mothers who consumed iron folic acid for 100 days when they were pregnant (%)	40.8	25.9
Mothers who received postnatal care within 2 days of delivery (%)	71.7	58.5
Institutional births (%)	88.7	75.1
Births assisted by health personnel (%)	90	78
Children stunted	31	41.2
Children wasted	20	21.5
Children underweight	29.1	38.3

NOTES | *Based on 2019-20 data; **Indian Public Health Standards are a set of uniform standards envisaged to improve the quality of health care delivery in India; ^Surgeons, OB&GY, physicians & paediatricians

2. POORER RURAL MANPOWER | The table lists the % of doctor vacancies compared to the sanctioned posts and the % of shortfall of specialists as compared to the required numbers under IPHS** norms across rural and urban areas for 2019-20

State	Vacancies % of doctors in PHCs		Shortfall % of specialists in CHCs^	
	Rural	Urban	Rural	Urban
Bihar	57.7	62.0	45.6	89.3
Chhattisgarh	52.2	20.7	90.9	100.0
Haryana	35.9	7.9	94.3	88.5
Odisha	35.8	2.2	79.2	0.0
Himachal	34.8	0.0	93.8	92.9
Punjab	33.2	17.2	75.7	58.3
Jharkhand	32.7	50.0	73.8	83.3
M.P.	30.2	18.5	96.3	88.1
Uttarakhand	27.3	18.4	85.7	85.4
U.P.	22.9	20.7	71.3	41.7
West Bengal	21.0	41.2	54.0	0.0
Maharashtra	20.6	3.2	64.1	0.0
Gujarat	20.3	63.4	99.1	30.4
Kerala	16.9	11.1	79.5	93.8
Rajasthan	15.0	0.0	80.0	58.3
Karnataka	10.8	0.0	66.7	21.1
Tamil Nadu	9.0	5.7	85.2	68.3
Andhra	3.4	0.0	44.1	21.1
Telangana	3.3	5.6	24.1	0.0

LAST WORD

1 Vacancies in posts for rural doctors were significantly lower in the southern States. However, rural vacancies were relatively higher than in urban areas

2 The shortage of specialists in rural areas was higher compared to urban areas in most States. In Haryana, Madhya Pradesh

and Gujarat, more than 90% of the shortage exists in posts for specialists

3 Vacant posts for doctors were relatively few in urban areas. While vacancies for specialist doctors were significant, they were still much lower than in rural areas in most States

Union Education Minister releases India Rankings 2021

Institute ID	Name	City	State	Score	Rank
IR-O-U-0456	Indian Institute of Technology Madras	Chennai	Tamil Nadu	86.76	1
IR-O-U-0220	Indian Institute of Science	Bengaluru	Karnataka	82.67	2
IR-O-U-0306	Indian Institute of Technology Bombay	Mumbai	Maharashtra	82.52	3
IR-O-I-1074	Indian Institute of Technology Delhi	New Delhi	Delhi	81.75	4
IR-O-I-1075	Indian Institute of Technology Kanpur	Kanpur	Uttar Pradesh	76.50	5
IR-O-U-0573	Indian Institute of Technology Kharagpur	Kharagpur	West Bengal	75.62	6
IR-O-U-0560	Indian Institute of Technology Roorkee	Roorkee	Uttarakhand	71.40	7
IR-O-U-0053	Indian Institute of Technology Guwahati	Guwahati	Assam	69.26	8
IR-O-U-0109	Jawaharlal Nehru University	New Delhi	Delhi	66.61	9
IR-O-U-0500	Banaras Hindu University	Varanasi	Uttar Pradesh	63.10	10
IR-O-U-0570	Calcutta University	Kolkata	West Bengal	61.45	11
IR-O-U-0436	Amrita Vishwa Vidyapeetham	Coimbatore	Tamil Nadu	59.87	12
IR-O-U-0108	Jamia Millia Islamia	New Delhi	Delhi	59.54	13
IR-O-U-0575	Jadavpur University	Kolkata	West Bengal	58.93	14
IR-O-U-0234	Manipal Academy of Higher Education	Manipal	Karnataka	58.91	15

- Union Education Minister Shri Dharmendra Pradhan released the India Rankings 2021 instituted by the National Institutional Ranking Framework.
- Smt. Annpurna Devi, Minister of State; Dr. Subhas Sarkar, Minister of State for MoE; Dr. Rajkumar Ranjan Singh, Minister of State; Shri Amit Khare, Secretary (HE); Prof. D.P. Singh, Chairman, UGC; Prof. Anil Sahasrabudhe, Chairman, AICTE; Prof. K.K. Aggarwal, Chairman, NBA and Dr. Anil kumar Nassa, Member Secretary, NBA also attended the event.
- Speaking on the occasion, Shri Pradhan said that a robust & a role model ranking framework will serve as India's contribution to the global learning landscape, so, we must ensure that our ranking framework emerges as a benchmark not only in the country, but also globally, especially for the developing economies. He also urged to develop regional ranking frameworks.

Key Highlights of India Rankings 2021:

- Indian Institute of Technology Madras retains 1st Position in Overall Category as well as in Engineering for the third consecutive year.
- Indian Institute of Science, Bengaluru tops the University as well as Research Institution category introduced for the first time in India Rankings 2021.
- IIM Ahmedabad tops in Management subject and All India Institute of Medical Sciences, New Delhi occupies the top slot in Medical for the fourth consecutive year.
- Jamia Hamdard tops the list in Pharmacy subject for the third consecutive year.
- Miranda College retains 1st position amongst colleges for the fifth consecutive year.

- IIT Roorkee takes the top slot for the first time in Architecture subject displacing IIT Kharagpur.
- National Law School of India University, Bangalore retains its first position for in Law for the fourth consecutive years.
- Colleges in Delhi dominate ranking of colleges with five colleges out of first 10 colleges from Delhi.
- Manipal College of Dental Sciences, Manipal, secure 1st position in “Dental” category.

Manipur's Hathei Chilli and Tamenglong Orange get GI Tag



- Two famous products of Manipur, **Hathei chilli**, which is found in Manipur's Ukhrul district and is known for its unique flavour, and **Tamenglong mandarin orange** have been granted the **Geographical Indication (GI) tag**.
- This is a historic milestone in the history of Manipur and it will increase the income of farmers in Manipur.

Judima and Sojat Mehndi Got GI Tag



- **Judima**, homemade rice wine from **Assam** and **Sojat Mehndi (Henna)** from **Rajasthan**, has been awarded the **geographical indication (GI) tag**. A GI tag is awarded to products associated with a specific geographical origin.
- Award of a GI sign not only helps in tracing the origins of products but also helps in confirming authenticity and marketing of indigenous specialities.

India scores 46th rank in the Global Innovation Index 2021



Improving on Innovation

India improves its innovation ranking by two places

Stands at 46th | **2nd** most-innovative spot on GII 2021 | among lower middle-income countries
 vis 48th in 2020

Switzerland, Sweden, US, UK and Korea in top 5

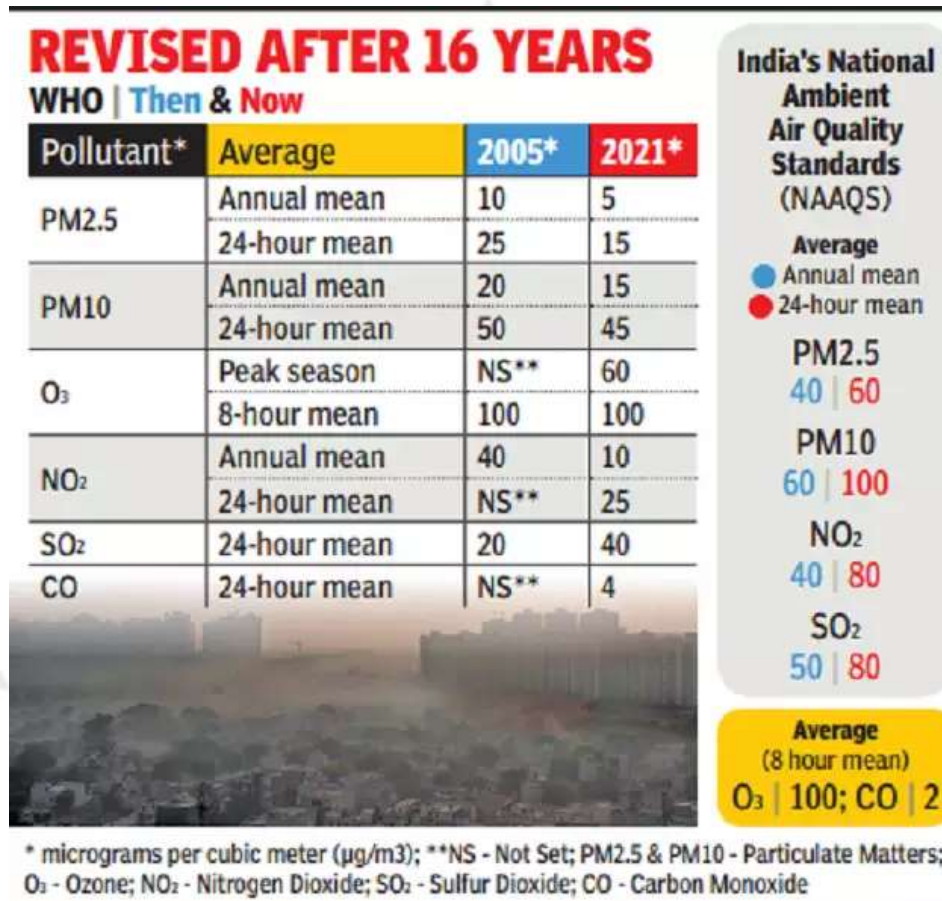
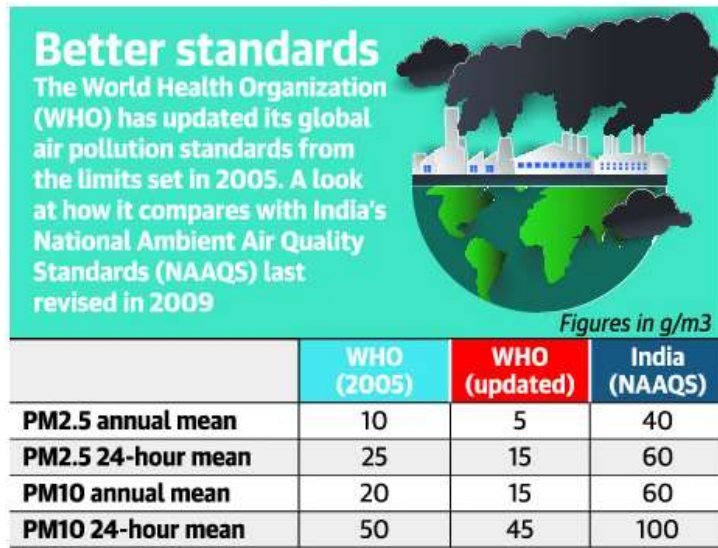
Science & engineering graduates
 India's ^{BCCL} strengths

- **India** has been ranked at **46th place** in the **Global Innovation Index 2021** released by **World Intellectual Property Organization (WIPO)**. India has jumped 2 spots from last year's ranking.
- Under the Lower middle-income category group, India has been ranked at the second spot after Vietnam.
- The Global Innovation Index 2021 captures the innovation ecosystem performance of 132 economies and tracks the most recent global innovation trends.

Top 5 countries in Global Innovation Index 2021 rankings:

Rank	Country	Score
1st	Switzerland	65.5
2nd	Sweden	63.1
3rd	United States of America	61.3
4th	United Kingdom	59.8
5th	Republic of Korea	59.3
46th	India	36.4

WHO tightens global air quality norms



- The World Health Organization set the new standards in the first update of its air quality guidelines since 2005.
- PM 2.5 norms for 24 hours average has been changed to 15 micro-g/m³ against 25 micro-g/m³ in 2005.
- While the PM 2.5 norms for annual average has been changed to 5 micro-g/m³ against the 10 micro-g/m³ in 2005.
- The revised guidelines for air quality released by the World Health Organisation means that nearly entire India will be considered a polluted Zone for most of the year.

3. IMPORTANT EVENTS

Events like awards, celebrations, etc...

Indian Navy's aviation wing honoured with prestigious President's Colour award



- The President of India, will award the President's Colour to Indian Naval Aviation at the ceremonial parade to be held at INS Hansa, Goa.
- The President's Colour is the highest honour bestowed on a military unit in recognition of its exceptional service to the nation.
- The Indian Navy was the first amongst the Indian Armed Forces to be awarded the President's Colour.
- It was awarded on 27 May 1951 by Dr Rajendra Prasad, the then President of India.

India Hosts 8th Meeting of Agricultural Experts of BIMSTEC Countries



- **India** hosted the **8th Meeting** of Agriculture Experts of **Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC)** Countries through video conferencing.
- The meeting was chaired by **Dr Trilochan Mohapatra**, Secretary, Department of Agricultural Research & Education & Director General of ICAR.



- BIMSTEC comprise of seven Member States including five from South Asia (Bangladesh, Bhutan, India, Nepal, Sri Lanka), and two from Southeast Asia, including Myanmar and Thailand.
- During this meet, Chairman highlighted the UN Food System Summit 2021 and transformational aspects that are happening across agriculture and food systems globally.
 - BIMSTEC was formed in 1997.
 - It earlier included six sectors.
 - Sectors were later expanded to 14 (technology, trade, energy, agriculture etc.).

Indian biologist Shailendra Singh wins global award in turtle conservation



- The Indian biologist Shailendra Singh has been awarded the Behler Turtle Conservation Award.
- This award was given for bringing three critically endangered turtle conservation species back from the brink of extinction.
- The species are,
 - Red-crowned Roofed Turtle (*Batagur kachuga*),
 - Northern River Terrapin (*Batagur baska*), and
 - Black Softshell Turtle (*Nilssonina nigricans*)
- There are 29 species of freshwater turtles and tortoises in the country.

India to host conference on International Climate Summit 2020-21



- **India** is all set to host a key conference as part of the **International Climate Summit (ICS) 2020-21** to build a dialogue for India's transition to clean energy. Policymakers, regulators, industry leaders, experts, and scientists from across the globe are going to be a part of the climate summit.
- Director of CSIR, National Chemical Laboratory, Dr Ashish Lele has underlined the importance of the conference for the future mitigation strategies of climate change. The need to adopt these strategies and the problems arose due to dependence on conventional fuels.

PM Modi Virtually Addresses 6th Eastern Economic Forum 2021



- Prime Minister **Narendra Modi** virtually addressed the plenary session of the **6th Eastern Economic Forum (EEF)**, organised in **Vladivostok, Russia**. An Indian delegation led by Minister of Petroleum and Natural Gas, **Hardeep Singh Puri** and comprising leading Indian oil and gas companies are participating in the EEF Summit 2021 in Russia.
- On the sidelines of EEF, Petroleum Minister will also have meetings with Russian Energy Minister Nikolay Shulginov to review bilateral energy cooperation in the energy sector and with the Russian Minister for Development of Far East and Arctic Alexei Chekunkov to discuss the collaboration between Indian and Russian companies in that region. Petroleum Minister will also co-chair India-Russia Business Dialogue.

Prime Minister chairs 13th BRICS Summit

Key Takeaways

<p>Reforming Multilateral System</p> <p>Leaders endorsed the joint statement on strengthening and reforming the multilateral system adopted by five foreign ministers, and agreed on the principles of strengthening and reforming the multilateral system</p>	<p>UNSC Reforms</p> <p>Summit called for reforms of the principal organs of the United Nations, including instilling new life in the discussions on reforming the UN Security Council</p>	<p>Space & Climate Cooperation</p> <p>Agreement on space agencies and remote sensing will help enhance research capabilities in global climate change, disaster management, environment protection, prevention of food and water scarcity. Leaders expressed commitment to fully implement UNFCCC, its Kyoto Protocol and Paris Agreement</p>	<p>Agriculture Cooperation</p> <p>Agricultural Research Platform launched; Action Plan 2021-2024 for Agricultural Cooperation adopted</p>	<p>Green Tourism</p> <p>Green tourism to promote measures which can shape a more resilient, sustainable and inclusive tourism sector</p>
<p>Focus Areas</p> <p>Intra-BRICS trade to boost cooperation among customs departments</p> <p>New Development Bank's progress in Expanding membership; Bangladesh, UAE and Uruguay</p>				



- Prime Minister Shri Narendra Modi chaired the 13th BRICS Summit virtually today.
- The theme of the Summit, chosen by India, was, BRICS@15: Intra-BRICS Cooperation for Continuity, Consolidation and Consensus.
- The Summit saw the participation of all other BRICS Leaders - President Jair Bolsonaro of Brazil, President Vladimir Putin of Russia, President Xi Jinping of China, and President Cyril Ramaphosa of South Africa.
- Prime Minister expressed his appreciation for the cooperation received from BRICS partners during India's Chairship this year, which allowed the achievement of several new initiatives. These included the first BRICS Digital Health Summit; the first BRICS Ministerial Joint Statement on multilateral reforms; a BRICS Counter-Terrorism Action Plan; an Agreement on cooperation in field of remote-sensing satellites; a virtual BRICS vaccine Research & Development Centre; BRICS Alliance on Green Tourism, etc.
- Highlighting the leading role that BRICS countries can play in the post-COVID global recovery, Prime Minister called for enhanced BRICS cooperation under the motto of 'Build-back Resiliently, Innovatively, Credibly and Sustainably'.
- Elaborating on these themes, Prime Minister stressed the need for accelerating 'build-back' by enhancing speed and accessibility of vaccination, creating 'resilience' by diversifying pharma and vaccine production capacities beyond the developed world, fostering 'innovation' by creatively using digital tools for public good, ensuring reform of multilateral institutions to enhance their 'credibility', and promoting 'sustainable' development by articulating a common BRICS voice on environmental and climate issues.
- The leaders also discussed important regional and global issues, including recent developments in Afghanistan. There was convergence of views on the threat posed by growth of terrorism and extremism, and all BRICS partners agreed to accelerate implementation of the BRICS Action Plan on Counter-Terrorism.
- At the conclusion of the Summit, the leaders adopted the 'New Delhi Declaration'.

Super 30's Anand Kumar conferred with Swami Brahmanand Award 2021



- Mathematician Anand Kumar was conferred with the Swami Brahmanand Award 2021.
- It was given for his contribution in the field of education through his 'Super 30' initiative.
- It prepares underprivileged students for the IIT entrance exam.
- 'Super 30' is a coaching programme of Kumar's Patna-based Ramanujan School of Mathematics.
- It hunts for 30 meritorious students from among economically backward sections of the society and shapes them to clear the test to get into the prestigious Indian Institutes of Technology (IIT).

45th Meeting of the GST Council, Lucknow

What's in store | The 45th GST Council meeting was chaired by Finance Minister Nirmala Sitharaman in Lucknow on Friday. Among the key decisions are:

<ul style="list-style-type: none"> ■ Concessional tax rates on COVID-19 essential medicines like Tocilizumab extended till December 31 	<ul style="list-style-type: none"> ■ Tax on fortified rice kernels for ICDS scheme reduced from 18% to 5%
<ul style="list-style-type: none"> ■ Muscular atrophy drugs like Zolgensma and Viltropso that cost around ₹16 crore exempted from GST 	<ul style="list-style-type: none"> ■ GST on cancer drugs like Keytruda cut from 12% to 5%
<ul style="list-style-type: none"> ■ Import of leased aircraft exempted from I-GST 	
<ul style="list-style-type: none"> ■ 5% GST to be levied on food delivery apps 	

- Finance Minister Nirmala Sitharaman chaired the 45th Meeting of the Goods and Services Tax (GST) Council.



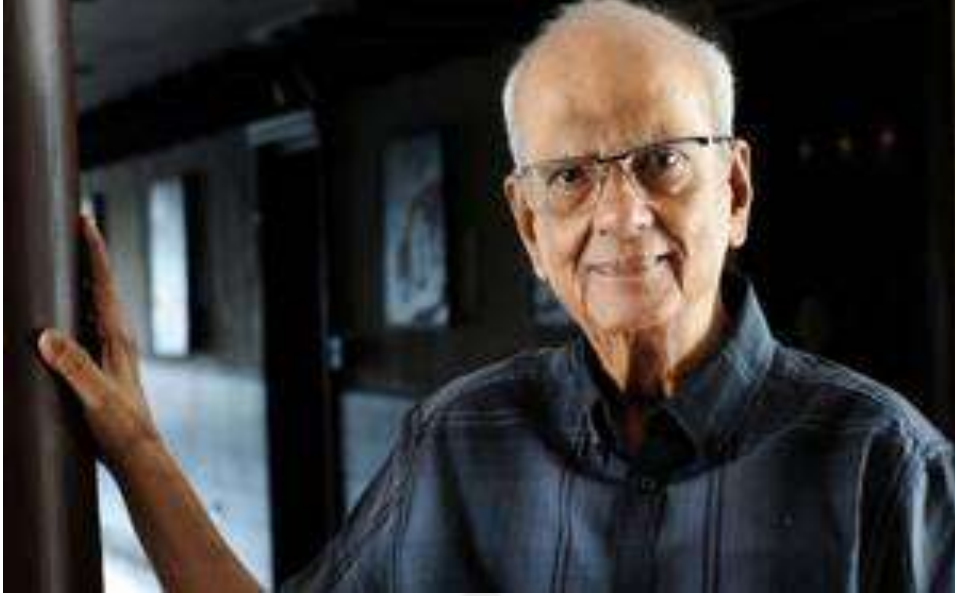
- This is the first time that a GST Council meeting took place in Lucknow, capital of Uttar Pradesh.
- It is also the first physical meeting of the GST Council following the outbreak of COVID-19.
- The GST Council members made it clear that they do not want petroleum products to be included under GST.
- It has decided to exempt the following life-saving drugs from the GST taxation
- They are Zolngelsma and Vilepso (cost around Rs 16 Cr), Drugs to treat muscular atrophy.
- Transport of export goods by vessels and air is also exempted from GST.

21st SCO Summit



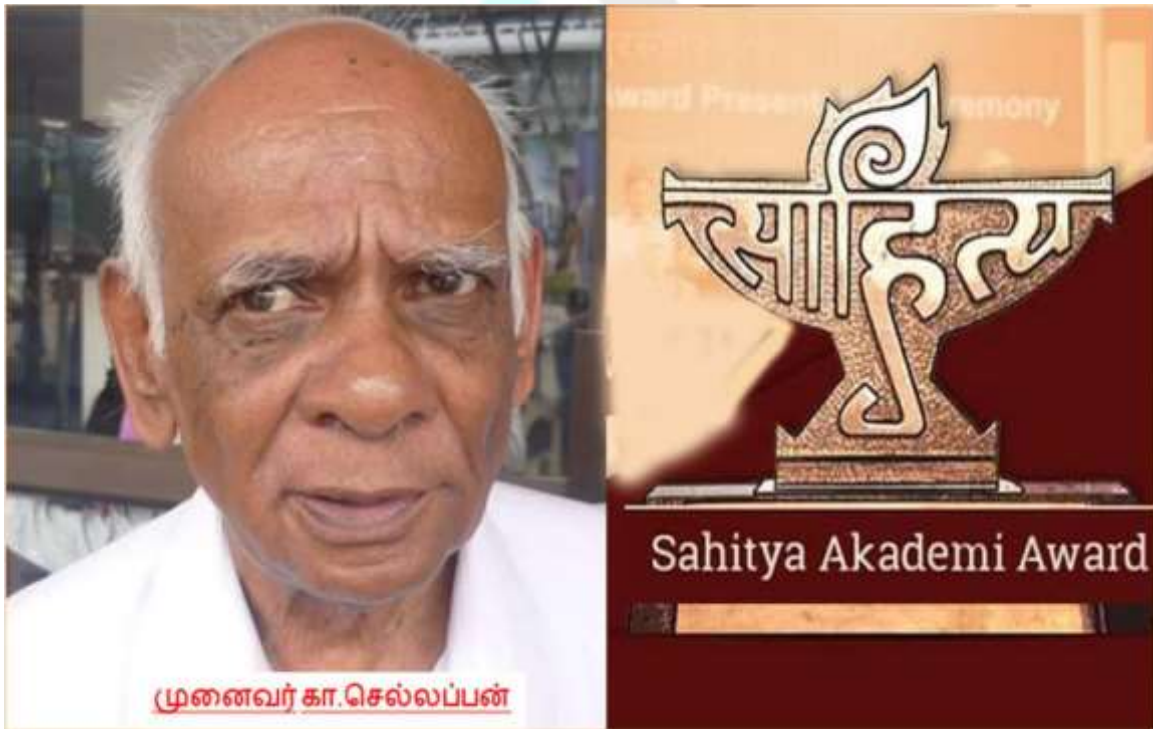
- The 21st meeting of the Shanghai Cooperation Organization (SCO) Council of Heads of State will be held in Dushanbe, Tajikistan in a hybrid format.
- The President of Tajikistan Emomali Rahmon will chair the SCO Summit.
- This will be the first SCO Summit that will be conducted in a hybrid mode.
- This is the 4th Summit that India will participate as a full-fledged member of the SCO.
- The Summits of the SCO Council of Heads of State is held annually at alternating venues.
- The SCO Summit 2020 was chaired by Russia.

Honour for a Tamil writer after 25 years



- After a gap of 25 years, the Sahitya Academy has chosen a Tamil litterateur, Indira Parthasarathy for its highest honour of Fellowship.
- He is commonly known as Ee. Paa.
- In 1996, D. Jayakanthan, aged 62, was the youngest to become a Fellow of the Academy.
- Before him, only two from the Tamil literary world.
- They were Rajaji or C. Rajagopalachari (1969) and T.P. Meenakshisundaram (1975).
- Though V. Raghavan (1979) and K.R. Srinivasa Iyengar (1985), both Tamils, were also given the Fellowship, they were recognised for their contributions to Sanskrit and the Indian writing in English.
- Indira Parthasarathy is author of over 40 books, including 16 novels, 10 plays and six collections of short stories.
- Prof. Parthasarathy is noted for his works on political themes.
- He considers the play Ramanujar his magnum opus.
- His Kurithi Punal, written against the backdrop of the 1968 Keezh venmani massacre of 42 poor farmers, fetched him the Sahitya academy award in 1977.
- He went on to win several prestigious awards, including the Bharatiya Bhasha Parishad Award and the Saraswati Samman.
- He is the only Tamil writer to be given awards by both the Sahitya and Sangeet Natak Academies.

Tamil writers get Sahitya Akademi prize for translation



- TES Raghavan and K Chellappan have been chosen for the Sahitya Academy prize for translation for the year 2020.
- TES Raghavan has been chosen for this prize for translating Tirukural into Hindi.
- K Chellappan has been chosen for translating Gora, a novel in Bengali, authored by Rabindranath Tagore into Tamil.

PM Modi addresses 76th session of UN General Assembly



- Prime Minister Narendra Modi addressed the 76th session of the United Nations General Assembly in New York.
- PM Modi is the first world leader who addressed in this UN General Assembly meet.
- This is the second time after 2019 Prime Minister Modi is addressing a session of the UNGA.
- The theme for General Debate for the year 2021 is “Building Resilience through hope to recover from Covid-19, rebuild sustainably, respond to the needs of the planet, respect the rights of people, and revitalize the United Nations”.

Amit Shah addresses first national cooperative conference



- Union Home Minister and Minister of Cooperation, Amit Shah has inaugurated and addressed the first-ever National Cooperative Conference (Sehkarita Sammelan).
- It was inaugurated at the Indira Gandhi Indoor Stadium in New Delhi.
- This conference was India’s first such cooperative conference, to provide a platform for accelerating and strengthening Indian cooperatives on the global stage.
- The conference was organised jointly by the IFFCO, National Cooperative Federation of India, Amul, Sahakar Bharti, NAFED, KRIBHCO and all cooperatives together.

73rd Primetime Emmy Awards 2021 Winners



- The **73rd Primetime Emmy Awards** ceremony was held on September 19, 2021, in **Los Angeles, California**.
- The award honoured the best in U.S. prime time television programming from June 1, 2020, until May 31, 2021, as chosen by the Academy of Television Arts & Sciences.

Here are the winners for the 2021 Emmy Awards:

- **Outstanding Drama Series:** The Crown
- **Outstanding Comedy Series:** Ted Lasso
- **Outstanding Variety Talk Show:** Last Week Tonight with John Oliver
- **Outstanding Limited Series:** The Queen's Gambit
- **Outstanding Actor-Comedy:** Jason Sudeikis (Ted Lasso)
- **Outstanding Actor-Drama:** Josh O'Connor
- **Outstanding Actor-Limited Series or Movie:** Ewan McGregor (Halston)
- **Outstanding Actress-Comedy:** Jean Smart (Hacks)
- **Outstanding Actress-Drama:** Olivia Colman (The Crown)
- **Outstanding Actress-Limited Series or Movie:** Kate Winslet (Mare of Easttown)
- **Outstanding Supporting Actor-Comedy:** Brett Goldstein (Ted Lasso)
- **Outstanding Supporting Actor-Drama:** Tobias Menzies (The Crown)
- **Outstanding Supporting Actor-Limited Series or Movie:** Evan Peters (Mare of Easttown)
- **Outstanding Supporting Actress-Comedy:** Hannah Waddingham (Ted Lasso)
- **Outstanding Supporting Actress-Drama:** Gillian Anderson (The Crown)
- **Outstanding Supporting Actress-Limited Series or Movie:** Julianne Nicholson (Mare of Easttown)
- **Outstanding Director-Comedy:** Lucia Aniello (Hacks)
- **Outstanding Director-Drama:** Jessica Hobbs (The Crown)
- **Outstanding Director-Limited Series, Movie or Dramatic Special:** Scott Frank (The Queen's Gambit)
- **Outstanding Writing-Comedy:** Lucia Aniello, Paul W Downs and Jen Statsky (Hacks)
- **Outstanding Writing-Drama:** Peter Morgan (The Crown)
- **Outstanding Writing-Limited Series, Movie Or Dramatic Special:** Michaela Coel (I May Destroy You)

President Shri Ram Nath Kovind gives away National Florence Nightingale Award 2020 to Brigadier S V Saraswati



- Deputy Director General of Military Nursing Service Brig S V Saraswati has been bestowed with the National Florence Nightingale Award 2020. President Shri Ram Nath Kovind conferred the award in a virtual ceremony for her immense contribution to the MNS as nurse administrator. National Florence Nightingale Award is the highest national distinction a nurse can achieve for selfless devotion and exceptional professionalism.
- Brig Saraswati hails from Chittoor district of Andhra Pradesh and was commissioned in to the MNS on December 28, 1983. She has served in the MNS for more than three and half decades, especially in perioperative nursing. As a renowned operation theatre nurse, she has assisted in more than 3,000 lifesaving and emergency surgeries and has trained residents, operation room nursing trainees and auxiliary staff in her career. She has prepared patient teaching materials and improvised drape kits and suture packing for cardiac surgeries.
- Brig S V Saraswati has represented the MNS in various national and international forums. She has conducted various outreach activities for the troops and has trained more than thousand soldiers and families in basic life support. She has rendered her services at various pan-India army hospitals and United Nations Peace Keeping Forces at Congo. She has held various levels of clinical and administrative appointments prior to assuming the present prestigious appointment of Deputy Director General of MNS.

PM Modi to address 76th UN General Assembly



- Prime Minister of India **Narendra Modi** has addressed the **76th session** of the **United Nations General Assembly (UNGA)**, in New York.
- He is the first world leader scheduled to address the UN General Assembly at **6.30 PM IST**. Prior to this, PM Modi had addressed UN General Assembly in **2019**.
- The theme of the 2021 UN General Assembly session was 'building resilience through hope - to recover from Covid-19, rebuild sustainably, respond to the needs of the planet, respect the rights of people, and revitalise the United Nations.

PM chairs 38th PRAGATI Meeting



- Prime Minister Shri Narendra Modi chaired the 38th PRAGATI meeting, the ICT based multi-modal platform for Pro-Active Governance and Timely Implementation, involving Centre and State governments.
- In the meeting, eight projects were reviewed. Four of these projects were from the Ministry of Railways, two from the Ministry of Power and one each from Ministry of Road Transport & Highways and Ministry of Civil Aviation. Having a cumulative cost of around Rs 50,000 crore, the projects pertain to seven states viz. Odisha, Andhra Pradesh, Bihar, Jharkhand, Madhya Pradesh, Maharashtra and Haryana.
- In the previous 37 PRAGATI meetings, 297 projects having a total cost of Rs. 14.39 lakh crore have been reviewed.

4. PERSON IN NEWS

Persons whom occurred in news

Pankaj Kumar Singh takes over as new DG of BSF



- **Pankaj Kumar Singh**, a 1988-batch IPS officer from the Rajasthan cadre, has taken charge as the new **Director General (DG) of the Border Security Force (BSF)**. Prior to this, he was serving as the special DG at the BSF headquarters in Delhi.
- The 58-year-old Pankaj Singh replaces IPS officer and Indo-Tibetan Border Police Director General (DG) SS Deswal who was holding the additional charge of BSF DG since July 2021.
 - BSF was formed on December 1, 1965;
 - BSF Headquarters: New Delhi;
 - ITBP Founded: 24 October 1962;
 - ITBP Headquarters: New Delhi, India.

Lyricist and poet Pulamaipithan dies at 85 in Chennai



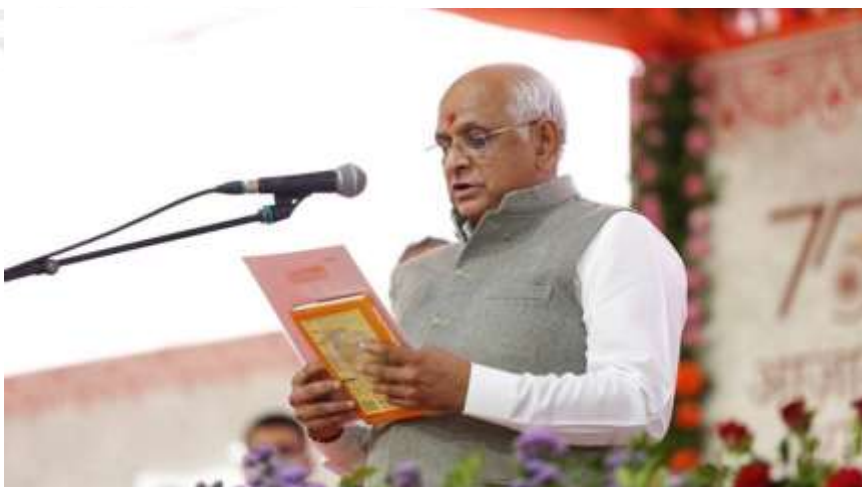
- The Lyricist and poet Pulamai pithan breathed his last at Chennai.
- He was born in Coimbatore in 1935
- Pulamaipithan served as the Deputy Chairman of the Tamil Nadu Legislative Council.

Gujarat Chief Minister Vijay Rupani resigns



- In a sudden but not unexpected move, Gujarat Chief Minister Vijay Rupani resigned after completing five years at the helm, paving the way for a change of guard ahead of crucial Assembly polls next year.
- Mr. Rupani, accompanied by the Union ministers Mansukh Mandavia, Parshottam Rupala, Bhupender Yadav and his cabinet colleagues met the Governor Acharya Devvrat, and submitted his resignation.
- Interestingly, just an hour before the meeting with the Governor, the CM was attending a Patidar community event in which Prime Minister Narendra Modi delivered a speech via video-conferencing.

Bhupendra Patel sworn-in as 17th Chief Minister of Gujarat



- **Bhupendra Patel** has been chosen as the new **Chief Minister of Gujarat** at the BJP legislature meeting. He is a BJP MLA from the Ghatlodia assembly seat in Ahmedabad. This comes after the resignation of **Vijay Rupani** from the post of CM of Gujarat.
 - Gujarat Governor: Acharya Devvrat.

Tejus Chauhan Appointed Regional Director of International Court Of Arbitration



- Lawyer Tejus Chauhan has been appointed Regional Director for South Asia in the International Court of Arbitration of the Paris-based International Chamber of Commerce (ICC).
- Tejus Chauhan will be the second Indian appointed to the position and will be based in Singapore.
- The ICC Court was established in 1923 and has helped resolve difficulties in international commercial and business disputes to support trade and investment.
- ICC said it has appointed Tejus Chauhan, who will be based in Singapore, for South Asia, Dania Fahs, based in Abu Dhabi, for the Middle East, and Donna Huang, based in Shanghai, for North Asia, to promote and develop ICA's range of market-leading dispute resolution services.

Tata Steel commissions India's first plant for CO2 capture from Blast Furnace gas at Jamshedpur

- **Tata Steel** has commissioned India's first carbon capture plant that extracts **CO2** directly from the blast furnace gas, at its **Jamshedpur Works**.
- With this achievement, Tata Steel has become the country's first steel company to adopt such a carbon capture technology. The CCU plant was inaugurated by **T.V. Narendran**, CEO and MD, Tata Steel, in the presence of company officials and other dignitaries.
- This carbon capture and utilisation (CCU) facility uses amine-based technology and makes the captured carbon available for onsite reuse.

Lt Gen Gurmit Singh, former DCAS, sworn in as Governor of Uttarakhand



- The oath of office was administered to Lt Gen Singh by the Chief Justice of the Uttarakhand High Court Justice RS Chauhan at a simple function held at the Raj Bhawan in Dehradun.
- The function was attended by Chief Minister Pushkar Singh Dhami, his cabinet colleagues and a number of senior government officials including Chief Secretary SS Sandhu and DGP Ashok Kumar.
- Lt Gen Singh succeeds Baby Rani Maurya, who resigned three years before completing her tenure.

Punjab gets its first Dalit Chief Minister in Charanjit Singh Channi



- Charanjit Singh Channi is appointed as the new Punjab Chief Minister.
- The Minister of Technical Educational & industrial Training in the Punjab government is now appointed as the new Punjab Chief Minister.
- He was appointed as the Chief minister after Captain Amarinder Singh resigned from the post.
- This is the first time ever that Punjab has got a chief minister from a scheduled caste community.

Shefali Juneja elected as first woman chairperson of ICAO



- Shefali Juneja from India has become the first woman Chairperson of the International Civil Aviation Organization (ICAO) Aviation Security Committee.
- India has taken up the responsibility of the Aviation Security Committee after a gap of 12 years.
- Juneja is the first woman to lead this strategic committee.
- ICAO is a specialized United Nations agency headquartered at in Quebec, Canada.
- It is funded by 193 countries.

107-year-old Japanese sisters confirmed as world's oldest identical twins



- Guinness World Records has certified two Japanese sisters as the world's oldest living identical twins at **107**.
- **Umeno Sumiyama and Koume Kodama** were born the third and fourth of 11 siblings on Shodoshima island in western Japan on Nov. 5, 1913.
- Sumiyama and Kodama were 107 years and 300 days old as of Sept 1, breaking the previous record set by famous Japanese sisters **Kin Narita and Gin Kanie** at 107 years and 175 days.



5. ECONOMIC AFFAIRS

About Financial ups and downs

GST collections cross ₹1 lakh crore for second month in a row

- The goods and services tax (GST) revenue collections for August 2021 stood at ₹1.12 lakh crore, crossing the crucial mark for the second month in a row. The collections stood at ₹1.16 lakh crore in July and ₹92,849 crore in June. The robust GST revenues are likely to continue in the coming months too, Ministry of Finance said on Wednesday.
- GST collection, after posting above ₹1 lakh crore mark for nine months in a row, dropped below ₹1 lakh crore in June 2021 due to the second wave of covid. "With the easing out of COVID restrictions, GST collection for July and August 2021 have again crossed ₹1 lakh crore, which clearly indicates that the economy is recovering at a fast pace. Coupled with economic growth, anti-evasion activities, especially action against fake billers have also been contributing to the enhanced GST collections," the ministry said.
- The revenues for the month of August 2021 are 30% higher than the GST revenues in the same month last year. During the month, the revenues from domestic transaction (including import of services) are 27% higher than the revenues from these sources during the same month last year. Even as compared to the August revenues in 2019-20 of ₹98,202 crore, this is a growth of 14%.
- Out of the gross GST revenue, CGST is ₹20,522 crore, SGST is ₹26,605 crore, IGST is ₹56,247 crore (including ₹26,884 crore collected on import of goods) and Cess is ₹8,646 crore (including ₹646 crore collected on import of goods).
- The government has settled ₹23,043 crore to CGST and ₹19,139 crore to SGST from IGST as regular settlement. In addition, Centre has also settled ₹24,000 crore as IGST ad-hoc settlement in the ratio of 50:50 between Centre and States/UTs, the ministry added. The total revenue of Centre and the States after regular and ad-hoc settlements in the month of August' 2021 is ₹55,565 crore for CGST and ₹57,744 crore for the SGST.

Morgan Stanley retains India GDP growth estimate at 10.5% for FY22



- America based Investment Bank, **Morgan Stanley** has maintained the GDP growth forecast of India at **10.5 per cent** for the financial year **2021-22 (FY2022)**.
- GDP growth is expected to move into positive territory on a two-year CAGR basis from QE September.
- GDP grew 20.1 per cent year-on-year in the quarter ending June. On a two-year CAGR basis, real GDP contracted 4.7 per cent in QE June versus plus 2.3 per cent in QE March.

India's economic growth soars to 20.1% in first-quarter on a low base



- India's economy grew by **20.1%** during the **April-June quarter** of this financial year, as against a **24.4%** contraction seen during the same period last year.
- The massive growth seen in the first quarter has made India the fastest-growing major economy across the globe.
- In the previous quarter, India's economy had grown by **1.6%**. For the full financial year 2020-21, India's GDP contracted by **7.3%**

S&P Global Ratings Projects India's GDP for FY22 at 9.50%

- **S&P Global Ratings** has revised India's growth forecast and now expects the economy to grow **9.5 per cent** in 2021-22 (FY22) and **7.0 per cent** in 2022-23 (FY23).
- India's external position is very strong and this is quite supportive of India's sovereign rating despite the fact that we have had this deterioration in fiscal position concurrently.

RBI to setup committee on NUE licenses



- The **Reserve Bank of India (RBI)** will set up a committee to scrutinize applications and give recommendations on **New Umbrella Entity (NUE) licenses**. The 5 member committee will be headed by **Shri. P. Vasudevan**.
- The committee will be responsible for looking into several aspects of NUE, from the macroeconomic impact of such a step to the security risks. The committee's recommendations will be taken into consideration before doling out the licences.
- NUEs will establish their own payment infrastructure to compete with the **National Payments Corp. of India (NPCI)**. The government hopes to build a settlement system similar to the unified payments interface (UPI) with the NUEs.
 - RBI 25th Governor: Shaktikant Das; Headquarters: Mumbai; Founded: 1 April 1935, Kolkata.

RBI imposes Rs 25 lakh fine on Axis Bank for flouting KYC norms



- The **Reserve Bank of India (RBI)** has imposed a monetary penalty of **Rs 25 lakh** on **Axis Bank** for violating certain provisions of know your customer (KYC) norms, on September 01, 2021.
- RBI had carried out scrutiny during February 2020 and March 2020 in a customer account maintained with the bank, where it was observed that the bank failed to comply with the KYC norms.
- As a result, the banking regulator issued the notice that Axis Bank did not comply with RBI - KYC Direction, 2016.

HDFC Life to acquire Exide Life Insurance for ₹6,687 crore



- **HDFC Life** has announced to acquire a **100 per cent** stake in Exide Life Insurance Company in a stock and cash deal, for **Rs 6,887 crore**. Subsequently, Exide Life will be merged with HDFC Life, subject to regulatory approvals.
- Exide Life is a wholly-owned subsidiary of battery maker Exide Industries. This acquisition will mark one of the first and the largest acquisitions in the life insurance space.
- From the total deal value of Rs 6,887 crore, HDFC Life will pay Rs 725 crore in cash, while the balance amount will be in form of shares.
- HDFC Life will issue 87.02 million equity shares of the face value of Rs 10 at a price of Rs 685 per share to Exide Industries Limited.
- Post the acquisition, Exide Industries will hold a 4.1 per cent stake in merged HDFC Life and mortgage lender HDFC Ltd will hold 47.9 per cent. Currently, HDFC Ltd. holds a 49.9 per cent stake in HDFC Life.

Govt's excise collection on petroleum products up 48% in Apr-July

- The government's collections from levy of excise duty on petroleum products have jumped 48 per cent in the first four months of the current fiscal year, with the incremental mop-up being 3-times of the repayment liability of legacy oil bonds in the full fiscal, official data showed.
- Data available from the Controller General of Accounts in the Union Ministry of Finance showed excise duty collections during April-July 2021 surging to over Rs 1 lakh crore, from Rs 67,895 crore mop-up in the same period of the previous fiscal.
- After the introduction of the Goods and Services Tax (GST) regime, excise duty is levied only on petrol, diesel, ATF and natural gas. Barring these products, all other goods and services are under the GST regime.
- The incremental collections of Rs 32,492 crore in the first four months of the fiscal year 2021-22 (April 2021 to March 2022) is three-times the Rs 10,000 crore liability that the government has in the full year towards repayment of oil bonds that were issued by the previous Congress-led UPA government to subsidise fuel.

UNCTAD projects India 2021 economic growth at 7.2%

- The **United Nations Conference on Trade and Development (UNCTAD)** has pegged India's economic growth rate to hit a four-year high of **7.2 per cent** for **2021** against a contraction of **7 per cent** in **2020**.
- At this rate, India would be the fastest-growing economy after China, which is projected to grow by **8.3 per cent**. Calculations are based on GDP at constant dollars in 2015.

Big Telecom Reform: 100% FDI Through Automatic Route Cleared By Cabinet

- The government has announced 100 per cent foreign direct investment (FDI) in the telecom sector through the automatic route as part of its comprehensive package for the telecom sector.
- In a big telecom reform, the centre has announced 100 per cent foreign direct investment (FDI) in the telecom sector through the automatic route as part of its comprehensive package for the telecom sector."100 per cent FDI in telecom via the automatic route was approved by the cabinet," telecom minister Ashwini Vaishnav said while briefing reporters on the decisions taken by the cabinet earlier in the day. The government also announced a four-year moratorium on unpaid dues, adjusted gross revenue (AGR) and spectrum dues.

World Bank discontinues Doing Business report after ethics review

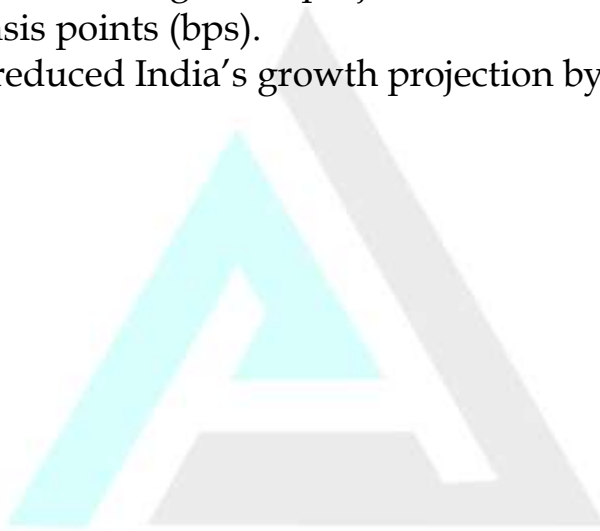


- The **World Bank Group** has decided to discontinue publication of its '**Doing Business**' rankings of country business climates after a review of data irregularities in the **2018 and 2020 reports**.
- The decision was taken by the Board of Executive Directors, World Bank Group management after data irregularities on Doing Business 2018 and 2020 were reported.

OECD marginally lowered India's FY22 growth projection to 9.7%



- The **Organisation for Economic Co-operation and Development (OECD)** has marginally lowered India's growth projection for the ongoing fiscal to **9.7%**, a reduction of 20 basis points (bps).
- For FY23, OECD reduced India's growth projection by 30 basis points to **7.9%**.



ARUL IAS ACADEMY

6. SCIENCE & TECHNOLOGY

Inventions and updations of Science

'Made in India' Citroen C3 makes global debut



- Citroen may be a late entrant to the Indian car market, but it surely is stepping on the pedal. Just over five months after launching its first product, the C5 Aircross SUV, the French car maker, on Thursday, globally unveiled the C3, the sub-four meter compact, which will take on the likes of Renault Kiger, Nissan Magnite, Hyundai Venue and the upcoming Tata Punch. The 'Made in India' C3 will be launched in the first half of 2022.
- The company isn't quite calling the C3 a compact SUV, but rather a "versatile hatchback with SUV styling codes." SUVs are very popular in India and has been the fastest growing segment in passenger vehicles in the last five years. It is no surprise then that Citroen is betting big on this segment. However, its first product, C5 Aircross, is in the premium end, with prices starting upwards of Rs 30 lakh.

7. NATIONAL NEWS**Activities which held up in India during SEPTEMBER 2021****Women and Child Development Minister inaugurates NUTRI GARDEN**

- The Union Minister for Women and Child Development, **Smriti Zubin Irani** inaugurated **NUTRI GARDEN** to mark the beginning of **Poshan Maah - 2021** at **All India Institute of Ayurveda (AIIA)**.
- Plantation of Shigru (Sahijan) and Amla saplings were also carried out. AIIA, New Delhi under the direction of the Ministry of Ayush initiated the celebration of Poshan Maah - 2021.

Railway Board order announces closure of green fuel wing

- IROAF is a separate enterprise that works in the field of green fuels for transport.
- Its vision - to emerge as a world class organisation in setting standards, development, research and execution in fuel and energy efficient and eco-friendly technologies, primarily for assimilation in IR.
- The Ministry of Railways has announced the closure of the Indian Railways Organisation for Alternative Fuels (IROAF), an enterprise headquartered in New Delhi, that was formed exclusively to promote green energy by introducing alternative energy and fuel-efficient and emission control technologies across the railway network.
- The existing work handled by IROAF – solar power and hydrogen fuel cell projects – was transferred to the Principal Chief Electrical Engineer and Chief Administrative Officer, Northern Railway.
- In keeping with its mission towards green railways, the IROAF had invited bids just last month in August for hydrogen fuel cell-based trains to start the concept of hydrogen mobility in the country along the 89-km Sonipat-Jind sector of Northern Railway. Two diesel electric multiple units and two hybrid locos were planned for conversion to hydrogen fuel cell power movement leading to a savings of ₹2.3 crore annually.
- The IROAF was also working on research and development of projects relating to use of compressed natural gas (CNG) as a substitute to high-speed diesel to create a clean environment and reduce cost of transportation.

Finance ministry gives nod to 11 states to borrow additional Rs 15,721 cr

- The Finance Ministry has permitted 11 states to borrow an additional amount of Rs 15,721 crore after these states achieved the capital expenditure target set for the June quarter.
- These states are Andhra Pradesh, Bihar, Chhattisgarh, Haryana, Kerala, Madhya Pradesh, Manipur, Meghalaya, Nagaland, Rajasthan and Uttarakhand.
- “11 states... have achieved the target set by the Ministry of Finance for the capital expenditure in the 1st Quarter of 2021-22. As an incentive, these States have been granted permission by the Department of Expenditure to borrow an additional amount of Rs 15,721 crore,” the Ministry said in a statement.
- The additional open market borrowing permission granted is equivalent to 0.25 per cent of their Gross State Domestic Product (GSDP). Additional financial resources thus made available will help the States in pushing their capital expenditure further.
- The Ministry said capital expenditure has a high multiplier effect, enhances the future productive capacity of the economy, and results in a higher rate of economic growth.
- The capital expenditure-linked borrowing ceiling of 0.50 per cent of GSDP will be allowed to those States who will achieve actual capital expenditure of at least 45 per cent of the target by September 30, 2021 or 70 per cent of the target by December 31, 2021.
- There would be a final review of actual capital expenditure by the States in the month of June, 2022.
- Any shortfall/deficiency in actual capital expenditure for the year 2021-22 by the State in comparison with the targeted capital expenditure for the year 2021-22, will be adjusted from the borrowing ceiling of the State for the year 2022-23.

NCRB report finds 28% jump in registration of cases in 2020



- There was a 28% increase in the registration of cases in 2020 compared to 2019, primarily owing to the violations of COVID-19 norms across the country. An



almost 21-fold jump was recorded in cases of disobedience to the order duly promulgated by public servant and over four times in cases involving violations of other State local laws, according to a National Crime Records Bureau (NCRB) report.

- Crimes against Scheduled Castes, with a total of 50,291 cases, showed an increase of 9.4%. Simple hurt with 32.9% (16,543) formed the largest chunk, followed by cases under SC/ST (Prevention of Atrocities) Act with 8.5% (4,273) and cases under criminal intimidation with 7.5% (3,788), the report said.
- In all, 8,272 cases were instituted for offences against Scheduled Tribes: an increase of 9.3% over 2019. Simple hurt (2,247) accounted for 27.2%, followed by rape with 13.7% (1,137) and assault on women with intent to outrage her modesty with 10.7% (885).
- The cases of sedition declined from 93 in 2019 to 73 last year, with Manipur reporting 15 cases, Assam 12, Karnataka eight, Uttar Pradesh seven, Haryana six, Delhi five and Kashmir two cases.
- A total of 66,01,285 cognisable crimes, comprising more than 42,54 lakh Indian Penal Code (IPC) offences and over 23.46 lakh Special & Local Laws (SLL) crimes, were registered in 2020, said the report. Effectively, there was a decrease in registration of traditional crime by about two lakh cases.
- “It shows an increase of 14,45,127 (28.0%) in registration of cases over 2019 (51,56,158 cases). Crime rate registered per lakh population has increased from 385.5 in 2019 to 487.8 in 2020. During 2020, registration of cases under IPC has increased by 31.9% whereas SLL crimes have increased by 21.6% over 2019,” said the report.
- A major increase was seen in the cases registered under disobedience to the order duly promulgated by public servant, under Section 188 of the IPC, from 29,469 in 2019 to 6,12,179 cases last year; and under ‘other IPC crimes’ from 2,52,268 to 10,62,399 cases. Under the SLL category, more cases were registered under “Other State Local Acts,” leading to a steep rise from 89,553 to 4,14,589 cases.
- During 2020, more than 55.84 lakh cases were under investigation and over 34.47 lakh of them were disposed of. In nearly 26.12 lakh cases, charge sheets were filed, resulting in a charge-sheeting rate of 75.8%, an increase by 12.50% compared to 2019.
- As the country remained under complete lockdown from March 25 to May 31 last year during the first wave of COVID-19, cases of crime against women, children and senior citizens, theft, burglary, robbery and dacoity declined.
- A total of 10,47,216 cases of offences affecting the human body were registered, which accounted for 24.6% of the total IPC crimes last year. “Hurt” as an offence accounted for maximum cases (55.3%), followed by causing



death by negligence (12.1%) and assault on women with intent to outrage her modesty (8.2%).

- Cases of murder showed a marginal increase of 1% to 29,193. Various kinds of disputes were found to be the motive in the majority of murder cases, followed by “personal vendetta or enmity” and “gain”. The “kidnapping and abduction” cases declined by 19.3%. While 14,869 were male, 73,721 were female victims. As per the data, 56,591 were minor (8,715 male and 47,876 female) and 31,999 (6,154 male and 25,845 female) adults.
- A total of 91,458 kidnapped or abducted persons (22,872 male and 68,867 female) were found alive and recovered, while 281 persons were found dead.
- Of the 71,107 cases of offences against public tranquillity, which saw a 12.40% increase over 2019, 51,606 were of rioting.
- There was a 8.30% decline in cases of crime against women. A majority of the cases were related to “cruelty by husband or his relatives” (30.0%), followed by “assault on women with intent to outrage her modesty” (23.0%), “kidnapping & abduction of women” (16.8%) and “rape” (7.5%). The crime rate registered per lakh women population is 56.5 in 2020 in comparison with 62.3 in 2019.
- A total of 29,768 cases were registered against juveniles during 2020, showing a decrease of 7.8%. The authorities apprehended 35,352 juveniles in 29,768 cases. A majority of the juveniles apprehended under the IPC and SLL crimes were in the 16-18 age group.
- While 1,45,754 cases of economic offences were registered, showing a decrease of 12%, there was a decline of 27% in cases under the Prevention of Corruption Act from 4,244 to 3,100 cases. However, with 50,035 cases, cybercrimes recorded an 11.80% increase.
- Human trafficking cases declined from 2,208 to 1,714 cases. The agencies rescued 4,680 victims and arrested 4,966 persons. The number of missing persons decreased by 15%. During 2020, over 3.32 lakh such persons, including 2.24 lakh female and 142 transgender, were traced or recovered.
- The report said 59,262 children were reported missing last year, a 19.80% dip compared to 2019, while 64,573 (15,832 male, 48,717 female and 24 transgender) were recovered or traced.
- Last year, 25,65,448 accused persons were charge-sheeted, 8,76,553 were convicted, 1,17,539 were acquitted and 13,755 were discharged. The States reporting high charge-sheeting rate under IPC crimes were Gujarat (97.1%), Kerala (94.9%) and Tamil Nadu (91.7%).

Nitin Gadkari launches AI-powered road safety project 'iRASTE'



- Union Minister for Road Transport, **Nitin Gadkari** launched 'iRASTE', an Artificial Intelligence-powered project.
- The project aims to help reduce road accidents, understand the factors responsible for these events and come up with solutions to mitigate them. iRASTE stands for **Intelligent Solutions for Road Safety through Technology and Engineering**.

Notification allowing women to take NDA exam to be out by May 2022, defence ministry tells SC

- The Supreme Court has rejected a plea by Central Government to postpone the entry of women into National Defence Academy (NDA) till May 2022.
- It refused to modify August 18 interim order, that allowed women candidates to appear in the NDA and the Naval Academy Examinations and to train at the NDA.
 - The Centre had told the supreme court that women cadets' entry into the NDA is not possible in the year 2021 because several facilities had to be developed for them before they are allowed into the academy.

LIC unveils PRAGATI App for Development Officers



- **Life Insurance Corporation of India (LIC)** has launched a new mobile app 'PRAGATI' for the exclusive use of its Development Officers. PRAGATI stands for "**Performance Review Application, Growth And Trend Indicator**".
- LIC has been taking a lot of customer-centric and digital initiatives for ease of operations for its customers and field force

India's first indigenous luxury cruise liner to be launched by IRCTC



- The **Indian Railway Catering and Tourism Corporation (IRCTC)** has joined hands and signed the agreement with **Cordelia Cruises** being operated by **M/s Waterways Leisure Tourism Pvt. Ltd** for promotion and marketing of the first indigenous luxury cruise in India.
- The Indian Railway Catering and Tourism Corporation (IRCTC) has joined hands and signed the agreement with Cordelia Cruises.
- Cordelia Cruises is being operated by M/s Waterways Leisure Tourism Pvt. Ltd.
- This is for promotion and marketing of the first indigenous luxury cruise in India.
- This is another incredible luxury travel offering under IRCTC's umbrella of tourism services to the public.
- The luxury travel offering in the form of the indigenous cruise will take guests on-boards to some of the most popular Indian and international tourist destinations - such as Goa, Diu, Kochi, the Lakshadweep islands, and Sri Lanka.

K. Kasturirangan to head panel to develop new curriculum framework



- The **Union education ministry** has formed a **12-member committee** to develop new curriculums for school, early childhood, teacher and adult education.
- The panel tasked with developing four national curriculum frameworks (NCFs) will be headed by National Education Policy-2020 (NEP-2020) drafting committee chairperson **K Kasturirangan**.
- The committee will discuss "position papers" finalised by national focus groups on different aspects of the four areas drawing inputs from state curriculum frameworks. The NCFs serve as a guideline for syllabus, textbook and teaching practices for schools in India.

Union Health Minister Shri Mansukh Mandaviya releases 3rd State Food Safety Index



- Union Minister for Health and Family Welfare, **Mansukh Mandaviya** has released the Food Safety and Standards Authority of India (FSSAI)'s **3rd State Food Safety Index (SFSI)** to measure the performance of States across five parameters of food safety.
- The Minister felicitated nine leading States/UTs based on the ranking for the year 2020-21 for their impressive performance.

Here is the list of nine leading States/UTs in the Index:

Larger States:

- Gujarat
- Kerala
- Tamil Nadu

Smaller States:

- Goa
- Meghalaya
- Manipur

Among UTs:

- Jammu and Kashmir,
- Andaman and Nicobar Islands
- New Delhi

Government increases the income limit of disabled dependents for family pension

- Ministry of Defence, Government of India has taken a decision to enhance the income criteria for grant of family pension to children/siblings suffering from mental or physical disability. Accordingly, such child/sibling shall be eligible for family pension for life, if his/her overall income from sources other than family pension remains less than the entitled family pension at ordinary rate i.e 30% of the last pay drawn by the deceased government servant/pensioner concerned plus the dearness relief admissible thereon.
- The financial benefit in such cases shall accrue with effect from 08.02.2021. Presently, the disabled child/sibling is eligible for family pension if overall monthly income of disabled child/sibling from sources other than family pension is not more than Rs. 9,000/- along with dearness relief thereon.



MoD places supply order for 118 Main Battle Tanks Arjun Mk-1A for Indian Army Big boost to 'Aatmanirbhar Bharat'



Key Highlights:

- DRDO-developed new variant of MBT to enhance firepower, mobility & survivability
 - Order worth Rs 7,523 crore
 - 72 new features & more indigenous content compared to Mk-1
 - To open defence manufacturing avenue for 200 Indian vendors & create 8,000 jobs
- Ministry of Defence (MoD) placed an order with Heavy Vehicles Factory (HVF), Avadi, Chennai for supply of 118 Main Battle Tanks (MBTs) Arjun Mk-1A for the Indian Army on September 23, 2021. The order, worth Rs 7,523 crore, will provide further boost to the 'Make in India' initiative in defence sector and is a big step towards achieving 'Aatmanirbhar Bharat', envisioned by Prime Minister Shri Narendra Modi. It may be recalled that the Prime Minister had handed over the MBT Arjun Mk-1A to Chief of Army Staff General M M Naravane in Chennai on February 14, 2021.
- The state-of-the-art MBT Mk-1A is a new variant of Arjun Tank designed to enhance fire power, mobility and survivability. Infused with 72 new features and more indigenous content from the Mk-1 variant, the tank would ensure effortless mobility in all terrains, besides precise target engagement during day and night. It has been designed and developed by Defence Research & Development Organisation (DRDO) by incorporating numerous upgrades on Arjun MBT, the in-service main battle tank with the Indian Army.
- The MK-1A is equipped with accurate & superior firepower, all-terrain mobility and an invincible multi-layered protection provided by an array of advanced technology systems. It can take on the enemy during day & night conditions and in both static & dynamic modes. By virtue of these capabilities,



this indigenous MBT proves to be at par with any contemporary in its class across the globe. This tank is particularly configured and designed for Indian conditions and hence it is suitable for deployment to protect the frontiers in an effective manner.

- This production order to HVF, Avadi opens up a large avenue in defence manufacturing for over 200 Indian vendors including MSMEs, with employment opportunities to around 8,000 people. This will be a flagship project showcasing the indigenous capability in cutting edge defence technologies.
- The MBT Arjun Mk-1A has been designed & developed by Combat Vehicles Research and Development Establishment (CVRDE), along with other laboratories of DRDO within two years (2010-12). The development activities commenced from June 2010 and the tank was fielded for user trials in June 2012. It took only two years to develop and field the MBT Arjun Mk-1A for user trials from the user requirement. Extensive trial evaluation was conducted in various phases covering 7000+ kms (both in DRDO and user trials) of automotive and substantial firing of various ammunitions during 2012-2015.

EIA draft translated into 3 languages instead of 22

- With less than 10 days to go before public comments to the controversial Environmental Impact Assessment (EIA) notification, 2020 are closed, it emerges that the text of the notification has only been translated into three languages, instead of at least 22, official correspondence accessed by a Right To Information (RTI) request shows.
- In a June 30 order, the Delhi High Court had decreed that the draft be translated into “at least the languages mentioned in the Eighth Schedule of the Constitution” within 10 days. There are 22 languages on that list.
- However, in spite of five reminders by the Centre to various States, the Centre got translations only in three languages – Marathi, Nepali and Odia – according to documents procured by environment activist, Vikrant Tongad.
- The draft was originally opened for comments from April 11 to June 11. This was later extended because of the lockdown. After large protests stating that the draft wasn't widely circulated, and a petition in the Delhi High Court, this date was extended to August 11.

8. INTERNATIONAL NEWS

Activities which held up out of Nation

New Development Bank approves UAE, Bangladesh and Uruguay as a new member



- The Shanghai-based **New Development Bank (NDB)** has approved the **United Arab Emirates, Uruguay and Bangladesh** as its new member countries. In 2020, the NDB Board of Governors initiated the negotiation to expand its membership.
- As a result UAE, Uruguay and Bangladesh have been admitted as the first new member countries of the NDB.
- NDB was established by the **BRICS (Brazil, Russia, India, China and South Africa)** countries in 2015. The bank supports public or private projects through loans, guarantees, equity participation and other financial instruments.
 - New Development Bank Headquarter: Shanghai, China;
 - New Development Bank President: Marcos Prado Troyjo;
 - New Development Bank Founder: BRICS;
 - New Development Bank Founded: 15 July 2014.

North Korea rejects Chinese vaccines: UNICEF



- North Korea has rejected around three million doses of a Chinese COVID-19 vaccine, suggesting they should be given to countries in greater need, UNICEF.



- The impoverished North was the first country to impose a strict lockdown when it sealed its border in January last year to stop the virus spreading from neighbouring China, where it first emerged before sweeping the world.
- Pyongyang insists it has yet to see any cases of the virus – a claim that analysts doubt – but it has paid a huge economic price for the blockade, with the regime admitting in June it was tackling a “food crisis.”
- Regardless, the isolated country told UNICEF – which distributes vaccines under the COVID-19 Vaccine Global Access (Covax) programme for low-income countries – that the Chinese-made vaccines could be given to others, UNICEF said.

India-US Agreement for Air-Launched Unmanned Aerial Vehicle



- Prime Minister Narendra Modi will meet the chief of armed drone manufacturer General Atomics along with the CEOs of four top American companies in Washington on Thursday to procure 30 Predator drones from the US to enhance India's military capability. PM Modi has reached Washington on a three-day visit to America and will meet the CEOs of four top American companies on Thursday at 7 pm Indian time.
- According to a Zee News report citing another publication, PM Narendra Modi will meet all four CEOs in person. All of them are companies that are leaders in their respective fields. The PM will meet the heads of General Atomics, Qualcomm Semi-conductors, BlackRock global investment company, First Solar (the non-conventional energy leader) and Adobe (the US leader in software).
- As per the report, the government is planning to buy 30 armed drones by spending USD 3 billion to increase its military capability. Under this plan, MQ-9 Reaper drones will be bought for all three armed forces of India. After buying drones from America, the strength of the Indian Army will increase and it will be easier to keep an eye on the enemies on the border.
- Talking about the speciality of Predator Drones, it is equipped with several key features. This drone comes with 9 hardpoints and it can stay in the air for about 27 hours. The drone is equipped with air-to-surface sensors and laser-guided bomb-carrying capability. At the same time, the UAV will operate at an altitude of 50 thousand feet.

Cuba becomes first country in world to begin vaccinating toddlers



- **Cuba** became the **first country** in the world to vaccinate children from the age of two against **COVID-19**, using home-grown jabs not recognised by the **World Health Organisation**.
- The communist island of **11.2 million people** aims to inoculate all its children before reopening schools that have been closed for the most part since **March 2020**.

El Salvador becomes world's first country to make Bitcoin an official currency



- **El Salvador** has become the first country in the world to accept **Bitcoin** as legal tender. The government of El Salvador claimed that the move will give many citizens of the country access to bank services for the first time.
- In addition, trading in cryptocurrency will help the country save around **\$400 million** in fees that is levied by banks and financial institutions on the money sent home by expats.

Navy gives on lease Passenger Variant Dornier aircraft to Mauritius



- The Navy has handed over a Passenger Variant Dornier (PVD) aircraft on lease to the Maritime Air Squadron of the National Coast Guard, Mauritius.
- The aircraft was presented to the Mauritius Police Force (MPF) at an official ceremony on Monday, the Navy said in a statement.
- Speaking on the occasion, the High Commissioner of India to Maldives Nandini K Singla observed that MSN 4059 had been leased to the MPF by the Indian Navy on gratis basis to support the current increased load of air operations.
- “She also mentioned that next year, HAL shall be handing over a brand new State-of-the-Art PVD to Mauritius and this purchase has been facilitated by the Line of Credit under the Government of Mauritius,” a Navy statement said.

India, Nepal begin joint military exercise in Uttarakhand



- The armies of India and Nepal have started the **15th edition of joint military exercise ‘Surya Kiran’ at Pithoragarh in the Indian state of Uttarakhand.**
- The **biannual exercise, which takes place alternately in both countries.**
- The **main objective** of this exercise is to:
 - Establish **military relations in inaccessible mountainous** areas by the soldiers of both countries,
 - Provide **humanitarian assistance** under disaster management,
 - Get training in **anti-terrorist operations,**
 - Build **interoperability and sharing expertise** between the two countries.
- The **14th edition** of the exercise took place in **Saljhandi, Nepal in 2019.**

Trudeau's Liberals win Canada election, but miss majority



- **Canada** Prime Minister **Justin Trudeau** has won the third term to serve as the PM of the country, after his party won the 2021 parliamentary elections on September 20, 2021.
- However, the Liberal Party of the 49-year-old Justin Trudeau could only manage to win minority seats in the election. Justin Trudeau is in power since 2015.

Iceland misses out on Europe's first female-majority parliament after recount



- **Iceland briefly believed it had made history by electing Europe's first female-majority parliament - before a recount showed it had just fallen short.**
- Some 30 of the 63 seats (47.6%) were won by women.
- But earlier results had showed women winning 33 seats (52%).
- No European country has breached the 50% threshold, with Sweden coming closest at 47%, according to data from the Inter Parliamentary Union.
- The results mean a further six women have been elected to Iceland's parliament, but men still hold a majority of seats.
- Unlike some other countries, Iceland does not have legal quotas on female representation in parliament, though some parties do require a minimum number of candidates be women.
- Initially, the apparent female-majority in parliament was hailed as a landmark achievement.
- "In a historical and international light, the most significant news is that women are now first time in majority in the Icelandic parliament, and a first in Europe. This is good news," President Gudni Johannesson told broadcaster RUV before the recount.



- Iceland has long been considered a leader in gender equality and was ranked the most gender-equal nation in the world for the 12th year running in a World Economic Forum report released in March.
- It offers the same parental leave to both men and women, and its first law on equal pay for men and women dates back to 1961. It was also the first country in the world to elect a female president in 1980.
- Just five countries currently have parliaments where women hold at least half the seats. Rwanda leads the way, with women making up 61.3% of the members of its lower house.
- It is followed by Cuba on 53.4%, Nicaragua on 50.6% and Mexico and the United Arab Emirates at 50%. Women make up just 34.2% of the members of the United Kingdom's House of Commons and just 27.6% of the House of Representatives in the United States.
- Meanwhile, yesterday's election saw the incumbent left-right coalition government, led by Prime Minister Katrin Jakobsdottir, increase its majority.
- However, her party, the Left Green Movement, looks set to lose several seats, while her right-wing partners gained five MPs, casting doubt over her future as prime minister.
- Opinion polls had predicted that the coalition would fall short of a majority but a surge in support for the centre-right Progressive Party, which won five more seats than in 2017, pushed the coalition's total seats to 37, according to RUV.
- The current government, which consists of the prime minister's Left-Green Movement, the conservative Independence Party and the centrist Progressive Party, said before the election that they would negotiate continued cooperation if they held their majority.

Fumio Kishida wins race to become Japan's next prime minister



- Japan's former Foreign Minister, **Fumio Kishida** has won the ruling party's leadership election, virtually ensuring that he will become the country's next prime minister.
- Kishida won **257 votes** in a runoff to defeat **Taro Kono**, a popular vaccines minister who previously held the positions of defence and foreign minister.

9. OTHER STATE NEWS

Activities which held up in other states of India

J&K LG Manoj Sinha inaugurates 'Saath' initiative for women



- In **Jammu and Kashmir**, Lieutenant Governor **Manoj Sinha** has launched a Rural Enterprises Acceleration Programme titled '**Saath**' for Self Help Group (SHG) women.
- The programme aims to transform the lives of women and make them independent and strong in social and financial aspects, by mentoring the women associated with SHGs and create market linkages of products created by these women.
- Saath is aimed at accelerating the livelihoods of rural women, associated with SHGs and which are doing small works. There is not much profit in their work and there is a lack of knowledge about marketing, packaging and branding. This initiative aims to teach women such skills and convert their businesses into Higher Order Enterprises.

Maharashtra to set up science city named after Rajiv Gandhi in Pune



- The **Maharashtra Government** has decided to set up a world-class science city at **Pimpri-Chinchwad** near Pune to develop a scientific outlook among the students and prepare them to become students in future.
- To be named as '**Bharat Ratna Rajiv Gandhi Science Innovation City**', a science Centre will be developed on the one-acre area in an eight-acre complex in the PCMC area. The Centre has granted assistance of **Rs 191 crore** to build the Science city in the PCMC area.
 - Maharashtra Governor: Bhagat Singh Koshyari;
 - Maharashtra Capital: Mumbai;
 - Maharashtra CM: Uddhav Thackeray.

India's tallest air purifier tower installed in Chandigarh



- India's tallest air purification tower has been inaugurated in the **Union Territory of Chandigarh**. The tower has been installed at the initiative of the **Chandigarh Pollution Control Committee (CPCC)** at Transport Chowk, Sector 26, by Pious Air Pvt Limited.
- This is the highest air purifier tower of the country and covers an area of around a **500-metre** radius and is **24-metre-high**. The purification tower will clean 3.88 crore cubic ft of air from the surrounding environment.

Gujarat govt launches Vatan Prem Yojana



- The **Government of Gujarat** announced, that it plans on undertaking public welfare projects worth Rs. 1,000 crores jointly with non-resident Gujaratis by December 2022.
- The projects will be under the state government's '**Vatan Prem Yojana**'. The Yojana was launched in Gujarat focusing on rural development through public and state contributions.
 - Gujarat Chief Minister: Vijay Rupani;
 - Gujarat Governor: Acharya Devvrat.

Delhi records wettest September in 77 years

- With 19 days still left in September, Delhi received the highest rainfall for September in 77 years, according to the India Meteorological Department (IMD).
- This is also the second highest rainfall for the month of September in 121 years. The city has till now received 380.2 mm rainfall in September this year, and the highest was 417.3 mm in 1944, according to the IMD.
- In 1975, 1,155.6 mm rainfall was received during the whole monsoon, and the highest rainfall of 1,420.3 mm was received in 1933, according to the IMD.

India's first Indigenously Designed High Ash Coal Gasification Based Methanol Production Plant at BHEL R&D Centre, Hyderabad

- India's first indigenously Designed **High Ash Coal Gasification Based Methanol Production Plant** at **Bharat Heavy Electricals Limited (BHEL) Research and Development Centre, Hyderabad** was inaugurated.
- The project was funded by the Department of Science and Technology, which provided a Rs 10 crore grant, at the initiative of NITI Aayog, PMO-India and the Ministry of Coal.

India's largest open air fernery developed in Ranikhet



- India's largest open-air **fernery** has been inaugurated in **Ranikhet of Uttarakhand**. The new centre will serve the dual objective of '**conservation of fern species**' as well as 'create awareness about their ecological role and promote further research.
- The fernery is home to a large number of fern species, some of which are endemic to the state, some hold medicinal value while some are threatened species that demand care and conservation.
 - Uttarakhand Founded: 9 November 2000;
 - Uttarakhand Governor: Lt Gen Gurmit Singh;
 - Uttarakhand Chief minister: Pushkar Singh Dhami;
 - Uttarakhand Capitals: Dehradun (Winter), Gairsain (Summer).

Sikkim declares Katley as state fish



- The Government of Sikkim has declared 'Cooper Mahseer' locally named as 'Katley' as the state fish. *Neolissochilus hexagonolepis* is the scientific name of the Cooper Mahseer.
- The decision has been taken to highlight the importance of the Katley fish and to give emphasis to its conservation measures. The fish has high market value and is highly preferred by the public in the State.

On World Rhino Day, 2,500 horns turned to ashes in Assam



- The "world's largest stockpile" of rhino horns was consigned to flames in eastern Assam's Bokakhat, the headquarters of the Kaziranga National Park and Tiger Reserve, amid Vedic rituals.
- The event timed with the World Rhino Day was aimed at dispelling myths that have driven the illegal horn trade and the poaching of the animal.
- Lit remotely through drones Wildlife officials said 2,479 of the 2,623 horns stored in 12 district treasuries since 1979 were burnt in six large iron pyres placed at a stadium in Bokakhat, about 240 km east of Guwahati. These were lit remotely through drones.
- Among the destroyed were 21 fake horns seized from smugglers and traders and 15 African rhino horns brought from the Assam State Zoo in Guwahati.

For the first time, West Bengal to count big herbivores during tiger census



- West Bengal for the first time will count big herbivores such as deer and elephants while undertaking the tiger census this year, a senior forest official said.
- Earlier, the tiger census was done solely focussing on the big cats but from this year, the population of big herbivores will be included in the count as stipulated by the All India Coordinated Tiger Census, Chief Wildlife Warden Debal Roy told PTI.
- “Herbivores are important to the ecosystem inhabited by tigers. Thus, it is imperative to know how many herbivores are co-existing with tigers in a forest area,” he explained.
- Deer, antelopes, gaurs, rhinoceroses and elephants will be counted depending on the region, Roy said.
- While the 2019-2020 census put the number of tigers in Sunderbans at 95, the Forest Department is hopeful the upcoming census that will begin in December and continue till January will throw up higher figures.
- “Apart from camera trapping technique, other statistical models will be used to arrive at the most probable figure and minimum probable figure,” Roy said.
- The Wildlife Institute of India (WII) will analyse the data, following the census, he said.
- Sundarbans National Park, Buxa Tiger Reserve, Gorumara National Park, Jaldapara National Park and Chapramari National Park will be covered during the exercise, he said.

Ladakh announces snow leopard as state animal, black-necked crane as state bird



- The **Union Territory of Ladakh** has declared **snow leopard (Panther unica)** as the new state animal and **black-necked crane (Grus nicricollis)** as the new state bird.
- The notification in this regard was released by Shri Radha Krishna Mathur, Lieutenant Governor of Union Territory of Ladakh on August 31, 2021.
- The decision was taken keeping in view bifurcation of Jammu & Kashmir and Ladakh into separate administrative divisions in 2019. In the erstwhile state of Jammu and Kashmir, the **black-necked crane** and **Kashmir stag (Hangul)** were the state bird and animal respectively.

India's oldest mosque basks in past glory after renovation; to reopen



- India's first-ever mosque and the oldest in the sub-continent is all set to welcome back devotees and general public after regaining its past glory and grandeur.
- The classic beauty and humble style of the "Cheraman Juma Masjid", dating back to 629 AD, was restored after a painstaking renovation and conservation process spread over nearly 30 months under the state-run Muziris Heritage Project (MHP). Located at Kodungallur taluk in this central Kerala district, the heritage structure was recreated in tune with its original character and aesthetics, at a cost of Rs 1.14 crore, P M Noushad, Managing Director of MHP, said.

10. SPORTS NEWS

Its about sports and gaming

Emma Raducanu beats Leylah Fernandez to win U.S. Open

New York rocks to Emma tune

Raducanu is the first qualifier in the Open Era to win a Slam

- At 18, she is the youngest women's Major winner since Maria Sharapova (17) at Wimbledon in 2004
- The lowest-ranked player (150th) to win the US Open since an un-ranked Clijsters triumphed in 2009
- First British woman to win the US Open since Virginia Wade (1968) and the country's first women's Major winner since Wade (Wimbledon, 1977)

MAJOR APPEARANCES BEFORE WINNING A SLAM (WOMEN, OPEN ERA)

2	Raducanu	2021 Wimbledon, 2021 US Open (winner)
4	Seles	1989 French Open, 1989 Wimbledon, 1989 US Open, 1990 French Open (winner)
4	Andreescu	2017 Wimbledon, 2019 Australian Open, 2019 French Open, 2019 US Open (winner)

Raducanu is the first woman since Serena (2014) to go all the way in New York without dropping a set



ALL-TEEN WOMEN'S SLAM FINALS IN THE OPEN ERA

	Winner	Runner-up	Score
US Open (2021)	Raducanu (18)	Fernandez (19)	6-4, 6-3
US Open (1999)	Serena (17)	Hingis (18)	6-3, 7-6(4)
Australian Open (1999)	Hingis (18)	Mauresmo (19)	6-2, 6-3
US Open (1997)	Hingis (16)	Venus (17)	6-0, 6-4
French Open (1997)	Majoli (19)	Hingis (16)	6-4, 6-2
French Open (1991)	Seles (17)	Sanchez-Vicario (19)	6-3, 6-4
French Open (1989)	Sanchez-Vicario (17)	Graf (19)	7-6(6), 3-6, 7-5
US Open (1988)	Graf (19)	Sabatini (18)	6-3, 3-6, 6-1
French Open (1988)	Graf (18)	Zvereva (17)	6-0, 6-0

JOURNEY TO THE TOP

QUALIFIERS

- First round: bt Schoofs 6-1, 6-2
- Second round: bt Bolkvadze 6-3, 7-5
- Third round: bt Sherif 6-1, 6-4

MAIN DRAW

- First round: bt Voegelé 6-2, 6-3
- Second round: bt Zhang 6-2, 6-4
- Third round: bt Sorribes Tormo 6-0, 6-1
- Fourth round: bt Rogers 6-2, 6-1
- Quarterfinals: bt Bencic (11) 6-3, 6-4
- Semifinals: bt Sakkari (17) 6-1, 6-4
- Final: bt Fernandez 6-4, 6-3

It stings. But it will just make me want to work harder and stronger, just come back to every tournament with the same hunger I came into this one
FERNANDEZ



I've always dreamed of winning a Slam. You just say these things. But to have the belief I did, and actually winning, I can't believe it
RADUCANU

COMPILED BY G. PRASAD



- British teenager Emma Raducanu completed the greatest underdog title triumph in tennis history on Saturday, becoming the first qualifier to capture a Grand Slam title with a straight-set defeat of Canada's Leylah Fernandez in the US Open women's final.
- Raducanu, 18, was the first British woman in 44 years to win a Slam crown after beating 73rd-ranked 19-year-old left-hander Fernandez 6-4, 6-3 to take the \$2.5 million top prize.

US Open 2021 Concludes: Complete List of Winners

Daniil's day out

Medvedev proved third time lucky in summit clashes at the Majors

- The Russian lost in straight sets to Djokovic at the Australian Open final in 2021. He had suffered a five-set reverse against Nadal at the US Open final in 2019
- First man since Nadal (2010) and second since Lendl (1987) to win the US Open dropping just one set
- Third Russian man to win a Major after Kafelnikov (1996 French Open, 1999 Australian Open) and Safin (2000 US Open, 2005 Australian Open)
- Second man born in the 1990s to win a Grand Slam singles title after Thiem (2020 US Open)
- Ninth different US Open men's champion in the last 14 years
- Djokovic finished 27-1 in 2021 Slams to remain tied with Federer and Nadal on 20 Majors
- Djokovic's 11th loss in 31 Slam finals, the same as Federer
- The Serb joined Jack Crawford (1933) and Lew Hoad (1956) who had also won the first three Slams of the year before losing the US final (men)
- Medvedev and Raducanu became the first pair of first time Slam singles champions at the same event since Gaudio and Myskina (2004 French Open)
- Sampras and Sabatini (1990) were the previous set of first time singles champions at the US Open



Even though I did not win, my heart is filled with joy, I am the happiest man alive because you guys made me feel very special on the court. You guys touched my soul

DJOKOVIC

[I feel] a lot of happiness. That's my first Grand Slam. I don't know how I'm going to feel if I win a second or third one. I hope that tennis will stay on the rise in Russia

MEDVEDEV

COMPILED BY G. PRASAD

MOST HARD-COURT TITLES SINCE 2018	
Medvedev	12
Djokovic	10
Zverev	7
Rublev	6
Federer	6

- In the men's category, **Daniil Medvedev** has lifted his first Grand Slam trophy after defeating **Novak Djokovic** 6-4, 6-4, 6-4 in the US Open men's singles final at the Arthur Ashe Stadium in New York.
- In the women's category, Great Britain's tennis player **Emma Raducanu** defeated Canada's **Leylah Annie Fernandez** to win the 2021 US Open women's singles final title.

S. No	Category	Winner	Runner Up
1.	Men's Singles	Daniil Medvedev	Novak Djokovic
2.	Women's Singles	Emma Raducanu	Leylah Annie Fernandez
3.	Men's Doubles	Ram/Salisbury	Jamie Murray/Bruno Soares
4.	Women's Doubles	Stosur/Zhang	Coco Gauff/ McNally
5.	Mixed Doubles	Krawczyk/Salisbury	Giuliana Olmos/Marcelo Arevalo

Joe Root, Eimear Richardson named ICC Players of the Month for August



- England Test skipper **Joe Root** and Ireland's **Eimear Richardson** have been voted as the winners of the **ICC Players of the Month for August 2021**.
- Root was voted the ICC Men's Player of the Month for August for his consistent performances in the Test series against India that was part of the next cycle of the ICC World Test Championship (WTC).
- In women's cricket, Ireland's **Eimear Richardson** has had a sensational August as well and was adjudged the ICC Women's Player of the Month for August 2021.



MS Dhoni to mentor Indian team for the T20 World Cup



- BCCI announced that the former India captain **MS Dhoni** will mentor the team for the tournament, which will be played in **UAE and Oman** in October and November. He announced his retirement from international limited-overs cricket on August 15, 2020.

Former Pakistan skipper Ramiz Raja formally elected as PCB chairman



- Former captain Ramiz Raja was unanimously elected as the chairman of the Pakistan Cricket Board (PCB) for a three-year term, succeeding Ehsan Mani who stepped down from the post last month. This is Raja's second stint with the PCB. He had served as the Board's chief executive from 2003 to 2004.
- The special meeting was presided by PCB election commissioner, Justice (retd) Sheikh Azmat Saeed at the National High Performance Centre.

Raja Rithvik becomes India's 70th GM



- India's **R Raja Rithvik** became chess Grandmaster after he crossed the ELO Rating of 2500. The 17-year-old achieved this GM title in **Vezerkepzo Grandmaster Chess Tournament** at Budapest, Hungary.
- He thus became the **70th** Grandmaster from the country. A native of Warangal, Rithvik has been undergoing advanced coaching at RACE Chess Academy under reputed coach **N.V.S. Rama Raju**.

Pankaj Advani wins 24th world title, defeats Pakistan's Babar Masih to clinch 6-Red Snooker WC



- India's **Pankaj Advani** won the **Asian Snooker Championship 2021** by defeating Amir Sarkhosh. He has won this title for a second consecutive time. He is the winner of the last Asian Snooker Championship held in 2019.
- In 2019, Pankaj also became the only player who won the titles in all forms of billiards, snooker, 6Reds, and 10Reds competitions. **Yasin Merchant** (1989, 2001), **Alok Kumar** (2004), **Aditya Mehta** (2012) were the other Indians who won the championship.

National Open Athletics: Harmilan Kaur Bains sets national record in 1500m



- **Harmilan Kaur Bains** of Punjab has created a new national record in the women's 1500m race by clocking **4:05.39** to bag the gold at the **60th National Open Athletics Championships** in the Jawaharlal Nehru Stadium in Hanamkonda in Telangana.
- With this achievement, the 23-year-old athlete has erased the 19-year-old record held by Sunita Rani in 1500m at the 2002 Asian Games in Busan by clocking 4:06.03.

Lewis Hamilton wins Russian Grand Prix 2021, first F1 driver to win 100 races



- **Lewis Hamilton** (Mercedes-Great Britain), has won the **F1 Russian Grand Prix 2021**. This is his 100th Grand Prix win. It was Hamilton's fifth win of the season and his first since the British Grand Prix in July.
- **Max Verstappen** (Red Bull-Netherlands) came second while **Carlos Sainz Jr.** (Ferrari-Spain) came third in the **Russian Grand Prix 2021**.

India claim three silver medals at 2021 Archery World Championships



- The team **India** archers settled for **three silver medals** at the 2021 World Archery Championships, held in Yankton, South Dakota, United States.
- The three silver medals were won in Women's Compound Individual, Women's Compound Team and Compound Mixed Team competitions.

Silver Medal Won by India includes:

- Women's Compound Individual: Jyothi Surekha Vennam
- Women's Compound Team: Jyothi Surekha Vennam, Muskar Kirar and Priya Gurjar
- Compound Mixed Team: Abhishek Verma and Jyothi Surekha Vennam

Sania Mirza-Shuai Zhang win Ostrava Open women's doubles title



- India's **Sania Mirza** and her Chinese partner **Zhang Shuai** won the women's doubles title in the **women's doubles final** at the **Ostrava Open** in Ostrava, Czech Republic.
- The second-seeded Indo-Chinese duo defeated the third seeded pair of American Kaitlyn Christian and New Zealander Erin Routliffe 6-3 6-2 in the summit clash in one hour and four minutes.

11. IMPORTANT DAYS

Its about significance of special days

World Coconut Day 2021: 2 September



- **World Coconut Day** is observed on **September 2** every year since **2009**. It is observed for promoting this tropical fruit and bringing awareness regarding its health benefits.
- The theme of World Coconut Day 2021 is '**Building a Safe Inclusive Resilient and Sustainable Coconut Community Amid COVID-19 Pandemic & Beyond**'.
- The WCD also commemorates the formation of the Asian Pacific Coconut Community (APCC), which aims to promote, coordinate and harmonize all activities of the coconut industry.

National Teachers' Day 2021: 5 September



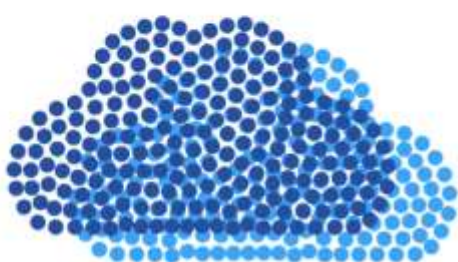
- The **5th of September** is celebrated as teacher's day all over India. This day is celebrated as the teacher's day to mark the birthday of Dr Sarvepalli Radhakrishnan who was the former president of our country.
- He was a philosopher, a scholar, and the Bharat Ratna Awardee. He was the **second President of India (1962 to 1967)** and the **first Vice President of India (1952-1962)**.
- The Ministry of Education presents the National Teachers Awards on this occasion every year. In 2021, the President of India, Shri Ram Nath Kovind will confer National Awards on 44 teachers from across the country.

International Day of Charity 2021: 5 September



- The **International Day of Charity** is observed annually on **September 5**. It was declared by the United Nations General Assembly in **2012**. September 5 was chosen in order to commemorate the death anniversary of **Mother Teresa**, who had always been engaged in charitable work.
- Mother Teresa received the **Nobel Peace Prize in 1979** for “work undertaken in the struggle to overcome poverty and distress, which also constitute a threat to peace.”

International Day of Clean Air for blue skies 2021: 7 September



International Day of Clean Air for blue skies

- The **International Day of Clean Air for blue skies** is observed globally on **September 7** to promote and facilitate actions to improve air quality.
- It is an UN-recognised day that aims to raise public awareness at all levels (individual, community, corporate and government) that clean air is important for health, productivity, the economy and the environment.
- The 2021 theme for the International Day of Clean Air for blue skies is “**Healthy Air, Healthy Planet**”

International Literacy Day 2021: 8 September



- **International Literacy Day** is observed globally on **8th September** every year. The day spread awareness about the importance of literacy for individuals, communities, and societies and the need for intensified efforts towards more literate societies.
- The theme of 55th International Literacy Day is **Literacy for a human-centred recovery: Narrowing the digital divide**.
 - UNESCO headquarters: Paris, France.
 - UNESCO Head: Audrey Azoulay.
 - UNESCO Founded: 16 November 1945.

International Day to Protect Education from Attack 2021: 9 September



- **International Day to Protect Education from Attack** is observed globally on **9th September**. In proclaiming the International Day to Protect Education from Attack to be celebrated for the first time in **2020**.
- The purpose of the day is to raise awareness regarding the importance of safeguarding schools as places of protection and safety for students and educators and the need to keep education at the top of the public agenda.

World EV Day 2021: 9 September



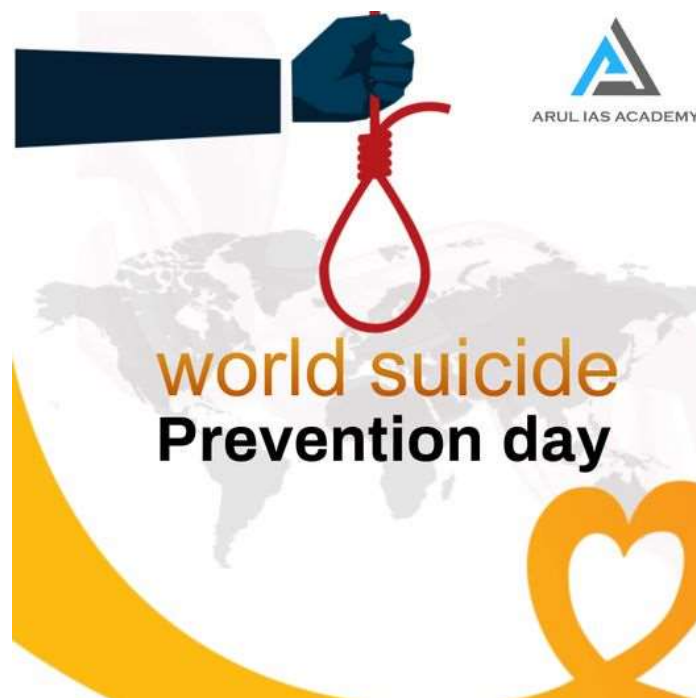
- **World EV Day** is observed on **September 9** every year. The day marks the celebration of **e-mobility**. Special awareness campaigns are organised globally to educate people about the benefits of electric vehicles.
- World EV Day was an initiative created by the sustainability media company **GreenTV**.
- The first World EV day was observed in **2020**. **China** is the largest EV market in the world. It was largely a social media campaign that encouraged drivers to recognise the benefits of electric vehicles and make a commitment that the next car they drive will be electric and not run on conventional fuels.

Himalayan Day 2021: 9 September



- The National Mission for Clean Ganga organized **Himalayan Diwas** on **September 9, 2021**, in association with Naula Foundation.
- This year's theme is '**Contribution of Himalayas and our responsibilities**'. The event was part of the ongoing celebration of 'Azadi ka Amrit Mahotsav'.
- Himalaya Diwas is celebrated every year on **9th September** in the state of **Uttarakhand**.

World Suicide Prevention Day 2021: 10 September



- International Association for Suicide Prevention (IASP) observes **World Suicide Prevention Day (WSPD)** on **10 September** every year. The purpose of this day is to raise awareness around the globe that suicide can be prevented.
- The theme for the 2021 World Suicide Prevention Day is **“Creating hope through action”**.
 - IASP Founded by the late Professor Erwin Ringel and Dr Norman Farberow in 1960.

World First Aid Day 2021: 11 September



- **World First Aid Day** is observed on the second **Saturday of September** every year. In 2021 the day is being observed on **September 11, 2021**. The day is an annual campaign aimed at promoting the importance of first aid training and increasing its accessibility to save more lives in a crisis.
- When a person suffers from minor or serious injury or illness, the first and immediate assistance given to the patient is termed as ‘First Aid’. The theme for World First Aid Day 2021 is **‘First aid and road safety’**, according to the International Federation of Red Cross and Red Crescent Societies (IFRC).

Hindi Diwas 2021: 14 September



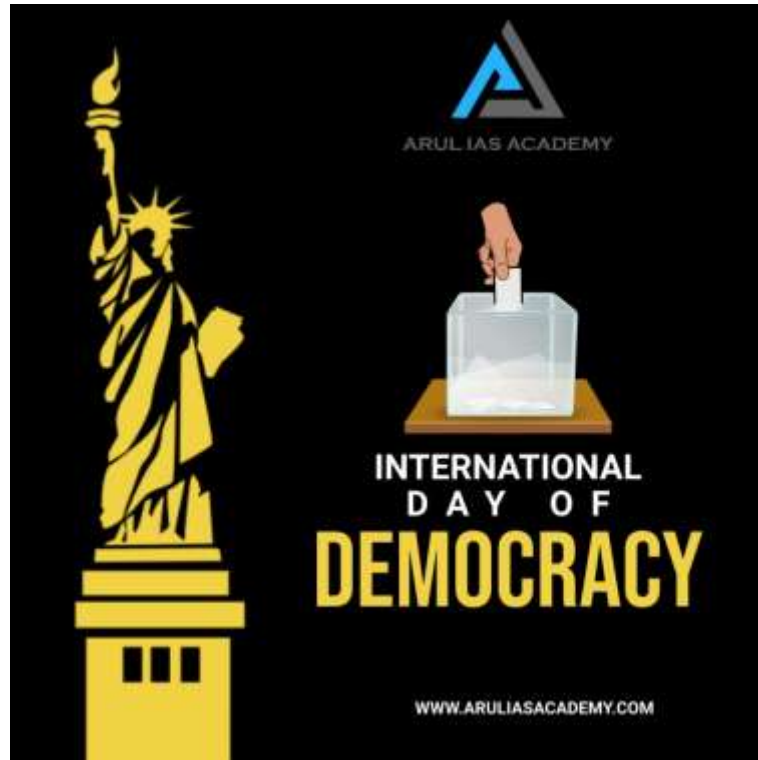
- **Hindi Diwas or Hindi Day** is observed every year on **14 September** to mark the popularity of Hindi as an official language of India.
- The language was adopted under **Article 343** of the Indian Constitution. The first Hindi day was celebrated on **14th September 1953**.

National Engineer's Day 2021: 15 September



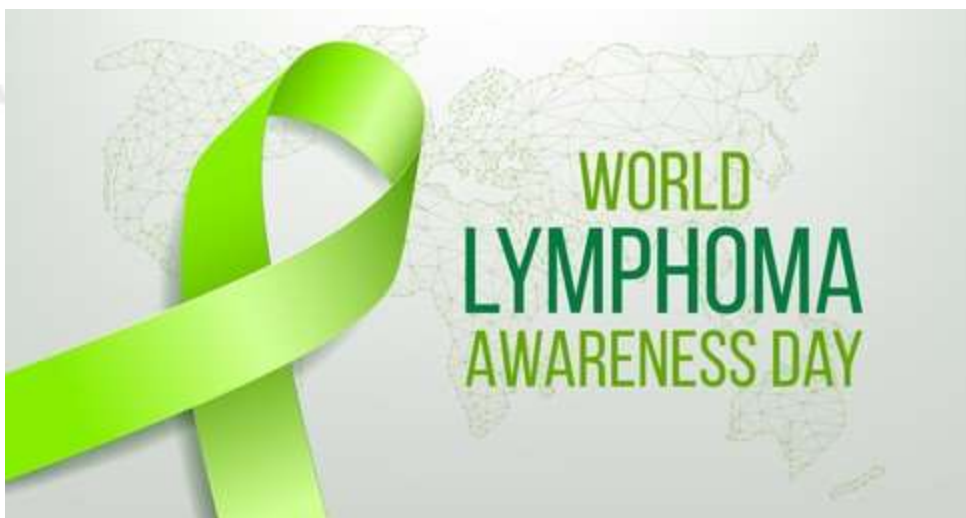
- In India, **Engineer's Day** is celebrated on **September 15** every year. The day is celebrated to recognise the contribution of engineers in the development of the nation.
- The day marks the birth anniversary of the engineering pioneer of India, **Sir Mokshagundam Vishweshvaraya**, (popularly known as Sir MV).
- He was awarded '**Bharat Ratna**' for his exceptional contribution to the building of India in 1955.

International Day of Democracy 2021: 15 September



- **International Day of Democracy** is observed globally on **15th September** every year. It was established through a resolution passed by the **UN General Assembly in 2007**, for promoting and upholding the principles of democracy and provide an opportunity to review the state of democracy in the world.
- The theme for 2021 International Day of Democracy is **“Strengthening democratic resilience in the face of future crises”**.

World Lymphoma Awareness Day 2021: 15 September



- The **World Lymphoma Awareness Day (WLAD)** is observed globally on **September 15** every year.
- The day is dedicated to raising awareness about lymphoma and the particular emotional and psychosocial challenges facing patients and caregivers suffering from different forms of lymphoma.

International Day for the Preservation of the Ozone Layer 2021: 16 September



- The International Day for the preservation for the Ozone layer (World Ozone Day) is observed annually on **September 16** to spread awareness of the depletion of the Ozone Layer and search for solutions to preserve it.
- The ozone layer, a fragile shield of gas, protects the Earth from the harmful portion of the rays of the sun, thus helping preserve life on the planet.
- The theme for 2021 World Ozone Day: **'Montreal Protocol - keeping us, our food and vaccines cool.'**

World Patient Safety Day 2021: 17 September



- **World Patient Safety Day** is observed on **September 17** to create a global awareness for patient safety and urge people to show their commitment to making healthcare safer.
- The Day brings together patients, families, caregivers, communities, health workers, health care leaders and policy-makers to show their commitment to patient safety.
- The theme for 2021 WPSD is **'Safe maternal and newborn care'**.
- World Patient Safety Day - established by the World Health Assembly in **2019** through resolution WHA72.6 on "Global action on patient safety" is observed annually on 17 September. It was adopted at the 72nd World Health Assembly on **25 May 2019**.

International Coastal Clean-Up Day 2021: 18 September



- The **International Coastal Cleanup Day** is traditionally held on the **third Saturday in September**. In 2021, the day is being held on **18 September**.
- The theme of International Coastal Clean-Up Day 2021: **“Keep trash in the bin and not in the ocean”**.
- Coastal Cleanup Day was established by the Ocean Conservancy, an organization that works to help protect the ocean from the challenges it faces every year.
- The first International Coastal Cleanup Day was observed in **1986**. The day aims to increase public awareness about the accumulation and negative impacts of litter in oceans, on coastlines and on beaches.

World Water Monitoring Day 2021: 18 September



- The **World Water Monitoring Day** is observed every year on **September 18** since **2003** to increase public awareness and involvement in water monitoring and protecting water resources around the world.
- This day is celebrated to increase public awareness and involvement in water monitoring and protecting water resources around the world.
- World Water Monitoring Day engages people of all ages in monitoring the condition of local rivers, streams, estuaries and other water bodies. The theme of World Water Day 2021 is **valuing water**.

International Equal Pay Day 2021: 18 September



- **International Equal Pay Day** is celebrated on **18 September**. The inaugural edition of the day was observed in the year **2020**.
- The day aims to achieve equal pay for work of equal value and break the walls against all forms of discrimination, including discrimination against women and girls.

International Red Panda Day 2021: 18 September



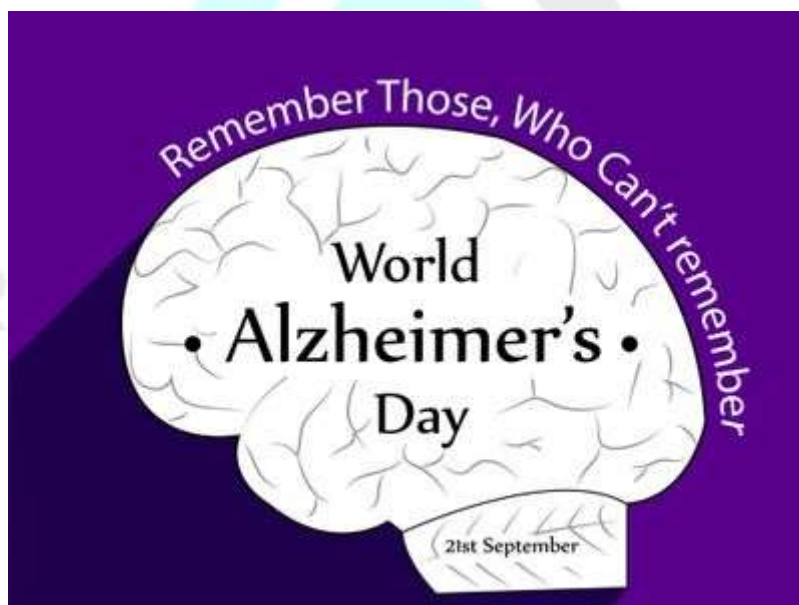
- The **International Red Panda Day (IRPD)** is celebrated on the **third Saturday** of September every year to raise public awareness and support for red panda conservation issues.
- In 2021, the IRPD is being observed on **18 September 2021**. The day was launched by the Red Panda Network in **2010**. The first international red Panda day was celebrated on **18th September 2010**.

World Bamboo Day 2021: 18 September



- **World Bamboo Day** is observed every year on **18 September** to raise awareness of the benefits of bamboo and to promote its use in everyday products.
- Bamboos are used for various purposes mainly in East and Southeast Asia. Bamboo is a tall, tree-like grass of the family Poaceae. It comprises more than 115 genera and 1,400 species.
- The theme for the 12th edition of WBD 2021 is '**#PlantBamboo: It Is Time To Plant Bamboo**'.

World Alzheimer's Day 2021: 21st September



- **World Alzheimer's Day** is observed globally on **September 21** every year. The day aims to raise awareness about the stigma that runs around Alzheimer disease and related dementia.
- World Alzheimer's Day was launched at the opening of ADI's annual conference in Edinburgh on **21 September 1994** to celebrate our **10th anniversary**.
- The theme for World Alzheimer Day 2021 is "**Know Dementia, Know Alzheimer's**".

International Day of Peace 2021: 21 September



- Each year the **International Day of Peace** is observed around the world on **21 September**.
- The UN General Assembly has declared this as a day devoted to strengthening the ideals of peace, through observing 24 hours of non-violence and cease-fire.
- The 2021 theme for the International Day of Peace is **“Recovering Better for an Equitable and Sustainable World.”**

World Rhino Day 2021: 22 September

KEEP THE FIVE ALIVE



- **World Rhino Day** is observed globally on **22 September** every year. This day provides the opportunity for cause-related organizations, NGOs, zoos, and members of the public to celebrate rhinos in their own unique ways.
- This day is celebrated to raise awareness of the need to protect all the five existing species of Rhinoceros, which are: **Black Rhino, White Rhino, Greater one-horned Rhino, Sumatran Rhino and Javan Rhinos.**

International Day of Sign Languages 2021: 23 September



- The **International Day of Sign Languages (IDSL)** is celebrated annually across the world on **23 September**. This day is celebrated to raise awareness of sign languages and strengthen the status of sign languages.
- The theme for the 2021 International Day of Sign Languages is **“We Sign For Human Rights”** highlighting how each of us – deaf and hearing people around the world – can work together hand in hand to promote the recognition of our right to use sign languages in all areas of life.

World Pharmacist Day 2021: 25 September



- **World Pharmacist Day** is observed globally on **25th September** every year. This day is celebrated to create awareness about the role of a pharmacist in improving health.
- The day was an initiative of the International Pharmaceutical Federation (FIP) along with the council of this organization.
- This year’s theme is **“Pharmacy: Always trusted for your health”**.

International Day for the Total Elimination of Nuclear Weapons 2021: 26 September



- The **United Nations** observes **26 September** every year as the **International Day for the Total Elimination of Nuclear Weapons**. The aim of the day is to enhance public awareness about the threat posed to humanity by nuclear weapons and the necessity for their total elimination.
- It provides an opportunity to educate the public and their leaders about the real benefits of eliminating such weapons, and the social and economic costs of perpetuating them.
- The General Assembly declared the International Day in **December 2013**, in its resolution 68/32 as a follow-up to the high-level meeting of the General Assembly on nuclear disarmament held on **26 September 2013, in New York**.

World Environmental Health Day 2021: 26 September

**World
Environmental
Health Day 2021**



- The **International Federation of Environmental Health (IFEH)** declared to observe **World Environmental Health Day** on **26 September** every year. This day is celebrated to shed the light on important work of environmental health around the world.
- The day is important in the current situation as most parts of the world continue to recover from the ongoing coronavirus pandemic situation. In such times, the importance of the Environmental Health workforce has been highlighted more than ever before.
- The theme for the 2021 World Environmental Health Day: **Prioritizing Environmental Health for healthier communities in the global recovery**.
- In 2011, the International Federation of Environmental Health (IFEH) declared to observe World Environmental Health Day on **26 September**. The day was started by the Federation during a meeting in Indonesia on this day in 2011.

World Rivers Day 2021: 26 September



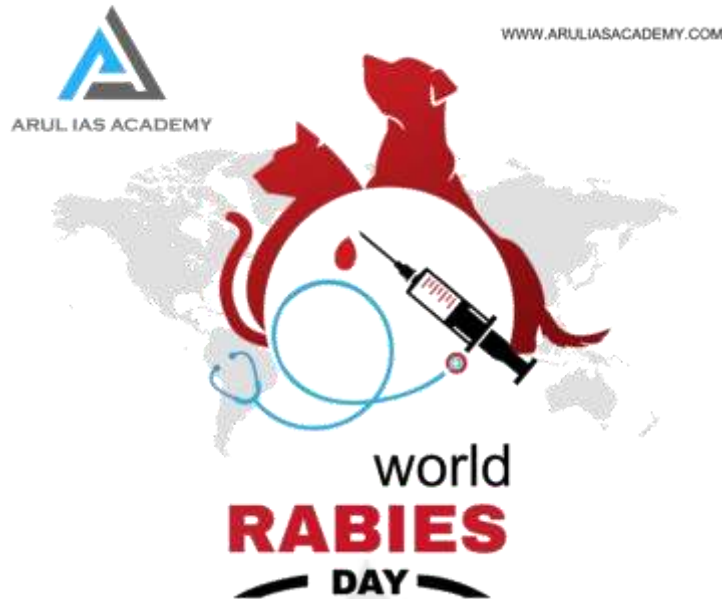
- **World Rivers Day** is celebrated every year on the “**Fourth Sunday of September**” since **2005**, to raise global awareness of the need to support, protect and preserve the rivers around the world.
- In 2021, World Rivers Day is being celebrated on **26 September**. The theme for World Rivers Day 2021 is “**Waterways in our communities**” with a specific emphasis on the need to conserve and repair urban waterways, which are frequently under stress.

World Tourism Day 2021: 27 September



- **World Tourism Day** is observed globally on **27th September** every year. The purpose of this day is to raise awareness on the role of tourism within the international community and to demonstrate how it affects social, cultural, political and economic values worldwide.
- In the ongoing pandemic times, it is important to raise awareness about the tourism sector given that 90% of world heritages sites closed as a result of the pandemic last year and young people in rural communities were unemployed.
- The theme for World Tourism Day 2021 is “**Tourism for Inclusive Growth**”.

World Rabies Day 2021: 28 September



- This day is observed to raise awareness about the impact of the viral disease and how to prevent it.
- This day is also observed globally to mark the death anniversary of Louis Pasteur, who developed the first rabies vaccine.
- This year, the theme for World Rabies day is '**Rabies: Facts, not Fear**'.

International Day of Awareness of Food Loss and Waste 2021: 29 September



- **International Day of Awareness of Food Loss and Waste** is celebrated on **September 29**, since 2020, to promote and implement global efforts to resolve the issue of food wastage.
- The United Nations General Assembly designated 29 September as the International Day of Awareness of Food Loss and Waste in 2019.
- The theme for 2021 is **Stop food loss and waste. For the people. For the planet.**

World Heart Day 2021: 29 September



- **World Heart Day** is celebrated on **29 September** annually to draw people's attention to heart illness and the range of associated health issues.
- The day which is celebrated annually creates awareness of Cardiovascular Disease (CVD) including heart disease & stroke and highlights the preventive and control measures.
- The day was created by the World Heart Federation, to raise awareness about cardiovascular disease, including heart disease and stroke. This year, the theme of World Heart Day is **"Use Heart to Connect"**.

International Translation Day 2021: 30 September



- Every year, **International Translation Day** is marked on **30 September**. The International Federation of Translators (FIT) organise the day ever since it was set up in **1953**.
- The day aims to celebrate the work of language translation professionals which facilitates dialogue, understanding and cooperation, contributing to the development and strengthening of world peace and security.
- International Translation Day 2021 theme: **"United in translation"**.

TEST SCHEDULE FOR TNPSC

GROUP – II MAINS

BASED ON REVISED SCHEME OF EXAMINATION

PAPER – I (S.S.L.C. Standard)

(Duration: 1 hours 30minutes)

S.NO	TITLE	NO.OF QUES	MARKS	TOTAL MARKS	REMARKS
1.	Tamil to English Translation	2	25	50	Total Marks -100 Minimum Qualifying Marks - 25 (Answer sheets of the candidates who do not secure minimum qualifying marks in Paper-I will not be considered for the evaluation of Paper-II)
2.	English to Tamil Translation	2	25	50	

PAPER – II (Degree Standard)

(Duration: 3 Hours)

S.NO	TITLE	NO.OF QUES	MARKS	TOTAL MARKS	REMARKS
1.	Precis Writing	3	20	60	Total Marks – 300 (This part has to be answered fully in Tamil or in English alone) (Marks secured in Paper-I will Not be considered for selection. Marks secured in Paper-II alone will be considered for Selection.)
2.	Comprehension	3	20	60	
3.	Hints Development	3	20	60	
4.	Essay Writing on 'Thirukkural'	3	20	60	
5.	Letter writing (Official)	3	20	60	

NOTE : ALL TEST BASED ON NEW SYLLABUS

SYLLABUS : <http://www.tnpsc.gov.in/Syllabus/CCSE II Syllabus 23 10 2019.pdf>

TEST BATCH DETAILS

▲ PAPER 1 (20 TEST) & PAPER 2 (20 TEST)

▲ TEST BASED ON REVISED SYLLABUS

TEST SCHEDULE FOR TNPSC GROUP – II MAINS

PAPER 1 - MODULE 1

S.NO DATE	TEST TOPICS	PAPER / MARKS TIME
TEST NO.1	<ul style="list-style-type: none">▲ Origin and Development of Tamil Civilization - From classical antiquity to modernity.▲ Sangam Period Literature along with the historical events related to Language Development.	PAPER 1 Total Marks -100 Duration: 1hours 30minutes
TEST NO.2	<ul style="list-style-type: none">▲ Musical Tradition of Tamil Nadu - Folklore - music, dance, Musical instruments and folk drama - From classical age to post-modern age with its modifications.▲ Dramatic Art Form - Street Theatre - Folk Theatre - Conventional Theatrical techniques.	PAPER 1 Total Marks -100 Duration: 1hours 30minutes
TEST NO.3	<ul style="list-style-type: none">▲ Socio-Economic History - Overseas trade - evidence from classical literature like "Pattinapalai".▲ Rationalist Movements - Dravidian Movement and Self Respect Movement.	PAPER 1 Total Marks -100 Duration: 1hours 30minutes
TEST NO.4	<ul style="list-style-type: none">▲ Contribution of Social Reform Movements in the implementation of Social Welfare Measures and Socio-Economic Development of Tamil Nadu - Reservation Policy and its Benefits - Contribution of Social Justice and Social Harmony in the Socio Economic Development of Tamil Nadu	PAPER 1 Total Marks -100 Duration: 1hours 30minutes
TEST NO.5	<ul style="list-style-type: none">▲ Feminism - Socio - feminism, Literary feminism - Different Concepts and Perceptions.▲ Contemporary Tamil Language - Computer Tamil Diction - Legal Tamil - Tamil as Administrative Language - New genres.	PAPER 1 Total Marks -100 Duration: 1hours 30minutes

TEST SCHEDULE FOR TNPSC GROUP – II MAINS

MODULE 2: TEST NO.6 TO 10 ON PAPER 2

PAPER 2 - MODULE 2

S.NO	TEST TOPICS	PAPER / MARKS TIME
TEST NO.6	<ul style="list-style-type: none">▲ Preci Writing▲ Comprehension▲ Hints Development▲ Essay Writing on 'Thirukkural'▲ Letter writing (Official)	PAPER 2 Total Marks -300 Duration: 3hours
TEST NO.7	<ul style="list-style-type: none">▲ Preci Writing▲ Comprehension▲ Hints Development▲ Essay Writing on 'Thirukkural'▲ Letter writing (Official)	PAPER 2 Total Marks -300 Duration: 3hours
TEST NO.8	<ul style="list-style-type: none">▲ Preci Writing▲ Comprehension▲ Hints Development▲ Essay Writing on 'Thirukkural'▲ Letter writing (Official)	PAPER 2 Total Marks -300 Duration: 3hours
TEST NO.9	<ul style="list-style-type: none">▲ Preci Writing▲ Comprehension▲ Hints Development▲ Essay Writing on 'Thirukkural'▲ Letter writing (Official)	PAPER 2 Total Marks -300 Duration: 3hours
TEST NO.10	<ul style="list-style-type: none">▲ Preci Writing▲ Comprehension▲ Hints Development▲ Essay Writing on 'Thirukkural'▲ Letter writing (Official)	PAPER 2 Total Marks -300 Duration: 3hours

▲ **MODULE 1 : PAPER 1 (5 TEST)**

▲ **MODULE 2 : PAPER 2 (5 TEST)**

▲ **MODULE 3 TEST SCHEDULE (30 TEST) WILL BE GIVEN AFTER COMPLETION OF (MODULE 1 & 2)**

▲ **MODULE 3 : PAPER 1 AND PAPER 2 (30 TEST)**

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BASED ON REVISED SCHEME OF EXAMINATION

TEST SCHEDULE FOR TNPSC

GROUP - II/IIA PRELIMS

- ▲ SCHOOL BOOK TEST : 10
- ▲ SYLLABUS BASED : 10
- ▲ TOTAL TEST : 20

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MODULE 1: SCHOOL BOOK MANDATORY TEST SCHEDULE

S.NO	TITLE	NO.OF QUES
3.	CIVICS 6TH -8TH STD	100
4.	CIVICS 9TH -10TH STD	100
5.	POLITICAL SCIENCE 11TH AND 12TH	150
6.	GEOGRAPHY 6TH TO 10TH	150
7.	GEOGRAPHY 11TH AND 12TH	100
8.	ECONOMICS 6TH TO 12TH	150
9.	HISTORY 6TH TO 8TH STD	150
10.	HISTORY 9TH TO 12TH STD	150
11.	SCIENCE 6TH TO 10TH	200
12.	SCIENCE 11TH AND 12TH	150

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MODULE 2: SYLLABUS BASED TEST

DATE OF EXAM: Will Be Given Individually For Students Joining Test Batch

TEST NO	TITLE	NO.OF QUES
13.	UNIT-VI: INDIAN ECONOMY (i) Nature of Indian economy - Five year plan models - an assessment - Planning Commission and Niti Ayog. (ii) Sources of revenue - Reserve Bank of India - Fiscal Policy and Monetary Policy - Finance Commission - Resource sharing between Union and State Governments - Goods and Services Tax. (iii) Structure of Indian Economy and Employment Generation, Land reforms and Agriculture - Application of Science and Technology in agriculture - Industrial growth - Rural welfare oriented programmes - Social problems - Population, education, health, employment, poverty. APTITUDE ✓ Highest Common Factor (HCF) ✓ Lowest Common Multiple (LCM) CURRENT AFFAIRS ✓ 2020 CURRENT AFFAIRS	200 QUES
14.	UNIT- III: GEOGRAPHY OF INDIA (i) Location - Physical features - Monsoon, rainfall, weather and climate - Water resources - Rivers in India - Soil, minerals and natural resources - Forest and wildlife - Agricultural pattern. (ii) Transport - Communication. (iii) Social geography - Population density and distribution - Racial, linguistic groups and major tribes. (iv) Natural calamity - Disaster Management - Environmental pollution: Reasons and preventive measures - Climate change - Green energy. APTITUDE ✓ SIMPLIFICATION AND PERCENTAGE CURRENT AFFAIRS ✓ JAN&FEB 2020	150 QUES
15.	UNIT-VII: INDIAN NATIONAL MOVEMENT (i) National renaissance - Early uprising against British rule - Indian National Congress - Emergence of leaders - B.R.Ambedkar, Bhagat Singh, Bharathiar, V.O.Chidambaranar, Jawaharlal Nehru, Kamarajar,	150 QUES

	<p>Mahatma Gandhi, Maulana Abul Kalam Azad, Thanthai Periyar, Rajaji, Subash Chandra Bose and others.</p> <p>(ii) Different modes of Agitation: Growth of Satyagraha and Militant movements.</p> <p>(iii) Communalism and partition.</p> <p style="text-align: center;">APTITUDE</p> <p>✓ RATIO and PROPORTION</p> <p style="text-align: center;">CURRENT AFFAIRS</p> <p>✓ MAR&APRIL&MAY 2020</p>	
16.	<p style="text-align: center;">UNIT-V: INDIAN POLITY</p> <p>(i) Constitution of India - Preamble to the Constitution - Salient features of the Constitution - Union, State and Union Territory.</p> <p>(ii) Citizenship, Fundamental rights, Fundamental duties, Directive Principles of State Policy.</p> <p>(iii) Union Executive, Union legislature - State Executive, State Legislature - Local governments, Panchayat Raj.</p> <p>(iv) Spirit of Federalism: Centre - State Relationships.</p> <p>(v) Election - Judiciary in India - Rule of law.</p> <p>(vi) Corruption in public life - Anti-corruption measures - Lokpal and LokAyukta - Right to Information - Empowerment of women - Consumer protection forums, Human rights charter.</p> <p style="text-align: center;">APTITUDE</p> <p>✓ SIMPLE and COMPOUND INTEREST</p> <p style="text-align: center;">CURRENT AFFAIRS</p> <p>✓ JUNE TO SEPT 2020</p>	200 QUES
17.	<p style="text-align: center;">UNIT - IV: HISTORY AND CULTURE OF INDIA</p> <p>(i) Indus valley civilization - Guptas, Delhi Sultans, Mughals and Marathas - Age of Vijayanagaram and Bahmani Kingdoms - South Indian history.</p> <p>(ii) Change and Continuity in the Socio - Cultural History of India.</p> <p>(iii) Characteristics of Indian culture, Unity in diversity - Race, language, custom.</p> <p>(iv) India as a Secular State, Social Harmony.</p> <p style="text-align: center;">UNIT- VIII : History, Culture, Heritage and Socio - Political Movements in Tamil Nadu</p> <p>(i) History of Tamil Society, related Archaeological discoveries, Tamil Literature from Sangam age till contemporary times.</p> <p>(ii) Thirukkural :</p>	175 QUES

	<p>(a) Significance as a Secular literature (b) Relevance to Everyday Life (c) Impact of Thirukkural on Humanity (d) Thirukkural and Universal Values - Equality, Humanism, etc (e) Relevance to Socio - Politico - Economic affairs (f) Philosophical content in Thirukkural (iii) Role of Tamil Nadu in freedom struggle - Early agitations against British Rule - Role of women in freedom struggle. (iv) Evolution of 19th and 20th Century Socio-Political movements in Tamil Nadu - Justice Party, Growth of Rationalism - Self Respect Movement, Dravidian movement and Principles underlying both these movements, Contributions of Thanthai Periyar and Perarignar Anna.</p> <p style="text-align: center;">APTITUDE</p> <p>✓ TIME AND WORK</p> <p style="text-align: center;">CURRENT AFFAIRS</p> <p>✓ OCT TO DEC 2020</p>	
18.	<p style="text-align: center;">UNIT - IX : Development Administration in Tamil Nadu</p> <p>(i) Human Development Indicators in Tamil Nadu and a comparative assessment across the Country - Impact of Social Reform movements in the Socio - Economic Development of Tamil Nadu. (ii) Political parties and Welfare schemes for various sections of people - Rationale behind Reservation Policy and access to Social Resources - Economic trends in Tamil Nadu - Role and impact of social welfare schemes in the Socio - economic development of Tamil Nadu. (iii) Social Justice and Social Harmony as the Cornerstones of Socio - Economic development. (iv) Education and Health systems in Tamil Nadu. (v) Geography of Tamil Nadu and its impact on Economic growth. (vi) Achievements of Tamil Nadu in various fields. (vii) e-governance in Tamil Nadu.</p> <p style="text-align: center;">APTITUDE</p> <p>✓ AREA AND VOLUME</p> <p style="text-align: center;">CURRENT AFFAIRS</p> <p>✓ JAN TO FEB 2021</p>	150 QUES

19.	<p style="text-align: center;">UNIT-I : GENERAL SCIENCE</p> <p>(i) Scientific Knowledge and Scientific temper - Power of Reasoning - Rote Learning Vs Conceptual Learning - Science as a tool to understand the past, present and future.</p> <p>(ii) Nature of Universe - General Scientific Laws - Mechanics - Properties of Matter, Force, Motion and Energy - Everyday application of the basic principles of Mechanics, Electricity and Magnetism, Light, Sound, Heat, Nuclear Physics, Laser, Electronics and Communications.</p> <p>(iii) Elements and Compounds, Acids, Bases, Salts, Petroleum Products, Fertilizers, Pesticides.</p> <p>(iv) Main concepts of Life Science, Classification of Living Organisms, Evolution, Genetics, Physiology, Nutrition, Health and Hygiene, Human diseases.</p> <p>(v) Environment and Ecology.</p> <p style="text-align: center;">APTITUDE</p> <p>✓ REASONING</p> <p style="text-align: center;">CURRENT AFFAIRS</p> <p>✓ MARCH AND APRIL & MAY - 2021</p>	150 QUES
20.	MOCK TEST NO.1	200 QUES
21.	MOCK TEST NO.2	200 QUES
22.	MOCK TEST NO.3	200 QUES

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