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TAMIL NADU

- **Dr J Jayalalithaa University merged with Annamalai University**
 - ✓ The Tamil Nadu government - passed a Bill in the assembly to merge Dr J Jayalalithaa University with Annamalai University.
 - ✓ The DMK's new bill seeks to repeal the Dr J Jayalalithaa University Act 2021.
- **T.N. announces parks for future mobility, apparels**
 - ✓ An integrated apparel park in Virudhunagar district at a cost of 400 crore, a future mobility park in Krishnagiri district at a cost of 300 crore and a SIPCOT Industrial Park in Tiruvallur district, costing 250 crore, were among the major announcements made by the Tamil Nadu government in the Assembly on Tuesday
- **Electoral rolls released for Nine new districts**
 - ✓ Tamil Nadu **State Election Commission** on Tuesday released the electoral roll in nine newly carved districts in the State, ahead of the rural local body polls in those districts.
 - ✓ As per the data provided, the nine districts of **Chengalpattu, Kallakurichi, Kancheepuram, Ranipet, Tenkasi, Tirunelveli, Tirupattur, Vellore** and Villupuram have a total of 76,59,720 voters
- **Chief Minister M K Stalin - announced that Tamil Nadu Slum Clearance Board will henceforth be known as Tamil Nadu Urban Habitat Development Board**
 - ✓ 'Housing for All' scheme for the urban slum/poor families before 2030
- **Sponge Park**
 - ✓ Greater Chennai Corporation - has proposed to set up a 'sponge park' with artificial pond and rain gardens at the **Kargil Nagar flood water pumping station in Manali zone.**
- **Unique Health ID**
 - ✓ Tamil Nadu government - is planning to provide a unique health ID (UHID) to everyone in the state.
 - ✓ The registry will have the name, age, gender, mobile number, smart (ration) card number, health ID, street details, health sub-centre of the beneficiaries.
 - ✓ The state has already commenced the pilot run of UHID projects in two blocks of Krishnagiri district.
- **The Tamil Nadu Small Industries Corporation Limited (TANSIDCO) - is planning to establish four industrial estates at a cost of Rs. 218.22 crore for MSME units in Tiruvallur, Chengalpattu, Trichy and Madurai district**
 - ✓ Through the Tamil Nadu Startup Seed Grant Fund (TANSEED), the state is also planning to provide a grant of Rs.10 lakh each to 50 startups this year.
- **The Tamil Nadu Pollution Control Board - to launch a 'web-based GeoSpatial Services (GSS)' portal to geo-tag industrial polluters in state.**

- **The State government - to set up common effluent treatment plants (CETPs) in 10 locations in Erode and Namakkal districts to prevent discharge of effluents from industries into water bodies.**
- **Blue flag certification**
 - ✓ The Tamil Nadu government - plans to spend Rs.100 crore over the next five years to get the prestigious **Blue Flag certification for the Marina** and nine other beaches in the state.
- **Chief minister of Tamil Nadu - announced a 'manimandapam' (memorial) for the renowned 19th century Tamil scholar Iyothee Thass Pandithar in North Chennai on the sidelines of his 175th birth anniversary**
 - ✓ **Iyothee Thass Pandithar was born as Kathavarayan** in Royapettah in Chennai on May 20, 1845
 - ✓ Out of reverence and affection for his guru, he took the name of Iyothee Thass after his teacher, Iyothee Thaasa Kaviraja Pandithar
 - ✓ His grandfather, Kanthappan handed over palm leaf manuscripts of '**Thirukkural**' and '**Naaladiyar**' to British civil servant Francis Whyte Ellis and helped towards their publication
 - ✓ Iyothee Thass Pandithar. founded the **Advaita Sabha in 1870** with the objective of fighting caste system and '**Dravida Mahajana Sabhai**' in 1891.
- **Celebrations for V.O.C.'s birth anniversary**
 - ✓ Chief Minister M.K. Stalin on Friday made 14 announcements in the Assembly in line with his Independence Day speech that the 150th birth anniversary of freedom fighter **V.O. Chidambaranar** would be celebrated as a government function
 - ✓ The freedom fighter's death anniversary on November 18 would be observed as a '**Day of Sacrifice.**'
- **On September, Tamil Nadu chief minister M K Stalin - announced cancellation of 1% market cess levied on cotton and cotton waste**
- **Chief Minister M K Stalin - presented the Dr Radhakrishnan award to 15 selected teachers out of 389 awardees on September 5**
 - ✓ This year, **Dr Radhakrishnan Award** was conferred to 389 teachers who have excelled in teaching innovation, design for education, environmental improvement, and student enrolment.
- **On September 6, state-run power utility, Tangedco - signed a memorandum of understanding with Indian Renewable Energy Development Agency, a government of India enterprise for mutual collaboration**
 - ✓ Accordingly, TANGEDCO is planning for 20,000 MW of Solar Power Project, 3,000 MW of Pumped Storage Hydro Electric Project, and 2,000 MW of Gas Based Power Plant for efficient **Renewable integration.**
 - ✓ The state government is keen on investing in renewable energy as its own generation from thermal power stations is only 4,320MW, in comparison with the average demand of 15,000MW.

- **Tamil Nadu makes it official: it's workers' right to sit**
 - ✓ It introduces a Bill that makes it mandatory for establishments to provide seating to employees.
 - ✓ It might not have all the connotations of a **Rosa Parks'** protest, but the Bill that the Tamil Nadu government introduced in the Assembly on Monday is revolutionary enough by recognising **workers' "right to sit"**.

- **On September, the state government - announced solar power parks across the state to generate 4,000MW of solar energy with battery storage system of 2,000MW in areas excluding corporations and municipalities.**

- **Chief Minister M K Stalin - to discuss with a business delegation from Denmark on September 8 to explore the possibility of establishing offshore wind mills on the Tamil Nadu coast**
 - ✓ The CoE for off-shore wind energy is most likely to come up in Chennai.
 - ✓ State Industries minister **Thangam Thennarasu** addressed the Danish delegation at a meeting organized by Guidance Tamil Nadu in Chennai on September
 - ✓ Offering Denmark's support to Tamil Nadu, Danish minister for climate, energy and utilities, **Dan Jannik Jorgensen** said Denmark has established itself in green energy, especially wind energy.

- **Tamil Nadu-Denmark plan energy island in Gulf of Mannar**
 - ✓ State of Tamil Nadu and Denmark have planned to create an energy island in **Gulf of Mannar** that lies between the west coast of Sri Lanka and south-eastern tip of India.
 - ✓ This plan was made as Tamil Nadu is looking to expand its footprint in the **green energy sector**.

- **Tamil Nadu Chief Minister M K Stalin - announced in the state Assembly that a civilization flourished on the banks of Thamira barani river 3,200 years ago**
 - ✓ Carbon dating showed paddy found in **burial urn at sivakalai** in Thoothukudi district belonged to 1155 BCE
 - ✓ Thamirabarani river starts in pothigai hills of Western Ghats, flows through Tirunelveli and Thoothukudi districts and empties at korkai (Tirunelveli district into Gulf of Mannar)
 - ✓ The paddy in the urn belonged to 1,155 BCE that is 600 years older than the samples found **in Keeladi in Sivaganga** district where the excavation is ongoing .
 - ✓ According to the historians, the graffiti found in the Indus Valley civilization and in south India are about 80% identical
 - ✓ The state archaeological department is now excavating sites at **Adichanallur, Sivagalai, Korkai, Kodumanal, Mayiladumparai and Gangaikonda Cholapuram**, the CM said.

- **The Tamil Nadu government - has proposed to start excavation at three new sites – Vembakottai in Virudhunagar, Thulukkarpatti in Tiruvelveli and Perumpalai in Dharmapuri district.**

- **'Porunai civilisation is 3,200 years old'**
 - ✓ "The finding has established that the **Porunai river [Thamirabarani] civilisation** dates back to 3,200 years

- **TN Govt. to introduce new cement brand 'Valimai'**
- **TN Govt. to introduce new salt brand 'Neidhal'**
- **Freedom fighter Subramania Bharati's 100th death anniversary**
 - ✓ The CM declared September 11 as **"Mahakavi Day"**, recalling the contributions of the freedom fighter who also advocated equal social rights to all.
- **"Ola Electric" - announced an "all-women" 10,000-strong workforce at its upcoming two-wheeler factory in Pochampalli village of Krishnagiri district in TN**
 - ✓ The **Foxconn** group company has a 25,000 all-women team manufacturing devices and appliances.
 - ✓ Under a specialised **'Project Tejaswini'** initiative, **Hero Motors** has also increased the number of women employees on the shopfloor to more than 1,000
- **Tamil Nadu declares encroachment of temple land as cognizable, non-bailable offence**
 - ✓ The Tamil Nadu Assembly on September 13, 2021, passed a bill that makes the encroachment of properties belonging to religious institutions a cognizable and non-bailable offence.
 - ✓ The bill seeking the amendment of the **Tamil Nadu Religious and Charitable Endowments Act, 1959** was tabled in the assembly on September 13 and was passed unanimously.
 - ✓ The Government of Tamil Nadu has launched a massive drive to retrieve the temple lands that have been encroached in various areas of the State
- **Tamil Nadu Government - to celebrate the birth anniversary of social reformer Periyar E V Ramasamy, September 17, as 'Day of Social Justice' every year**
 - ✓ **Thanthai Periyar**, as he is popularly known, founded the **Dravidar Kazhagam**, a precursor to the ruling Dravida Munnetra Kazhagam (DMK).
 - ✓ The chief minister recalled former chief minister and DMK founder **CN Annaduarai's** 1967 statement in the Assembly that the first DMK government was **"a tribute to Periyar"**.
He also said the **first amendment to the Indian Constitution** came about because of Periyar, who "never went to Parliament"
- **95 - Foot - tall statue of social reformer**
 - ✓ The statue will stand on a 40-foot pedestal, altogether making a height of 135 feet from the surface at Trichy (siruganur).
 - ✓
- **KNMT _ Kalaingar Nagarpura Membattu Thittam**
 - ✓ Tamil Nadu government - has launched the **Rs.1,000-crore Kalaingar Nagarpura Membattu Thittam (KNMT)** to fill infrastructure gaps in urban local bodies, especially municipalities and town panchayats.
- **Tamil Nadu and Kerala governments - agreed to set up technical sub-committees to assess the Nirar-Nallar multipurpose straight-cut scheme**
 - ✓ The panel will discuss ways and means to avoid a long circuitous route and convey water from **Upper Nirar to river Nallar**

- ✓ The discussions included building a new dam under **Pandiyar-Punnampuzha** project to divert water to **Noyyal** and **Bhavani** basin in Tamil Nadu.
- **Ravindra Narayan Ravi - was sworn in as the 26th governor of Tamil Nadu on September**
 - ✓ Chief Justice of the Madras **HC, Sanjib Banerjee**, administered the oath of office to him at a ceremony at the Raj Bhavan, Chennai
 - ✓ During the swearing-in event that lasted for 10 minutes, **chief secretary V Irai Anbu** read out '**Warrant of Appointment**' signed by President Ram Nath Kovind on September.
- **Sahitya Akademy Awards**
 - ✓ Two Tamil writers – **TES Raghavan and K Chellappan** – have been chosen for the **Sahitya Akademi prize** for translation for the year 2020.
- **CM lauds winners of Sahitya Akademi**
 - ✓ Chief Minister M.K. Stalin on Saturday commended the winners of the **Sahitya Akademi Prize for Translation**, who has translated Tamil works in other languages and vice versa.
 - ✓ He extended his greetings to **K. Chellappan**, who translated Rabindranath Tagore's Bengali novel **Gora in Tamil**;
 - ✓ **T.E.S. Raghavan**, who translated saint-poet **Thiruvalluvar's Tirukkural in Hindi**
 - ✓ **Sonali Navangul**, who translated Tamil novel **Irاندam Jaamankalin Kathai** by Salma in Marathi.
- **'Silambam recognised by Centre'**
 - ✓ Silambam, an Indian martial art developed by Tamils, has been recognised under the 'Promotion of inclusiveness through sports' initiative of the '**Khelo India**' programme of the Union Ministry of Youth Affairs and Sports, Tamil Nadu Minister for Youth Welfare and Sports Development **Siva V. Meyyanathan** said on Saturday.
- **The state government has decided to make "Silambam", a prehistoric martial art developed in the state, as one of the sporting disciplines eligible for recruitment under 3% sports quota**
- **The Southern Zone Bench of the National Green Tribunal (NGT) - suspends approval to expand Ennore Thermal Power Plant and ordered a public hearing on the proposal.**
- **Two private engineering colleges in Tamil Nadu - have proposed to offer mechanical engineering and computer science engineering courses in Tamil from 2021-22.**
 - ✓ This is the first time since College of Engineering (CEG) in Anna University launched engineering in Tamil 11 years ago.
- **Grantha Script**
 - ✓ A stone inscription with Grantha script and a sculpture - have been discovered near Karuvelampatti in Thiruparankundram union in Madurai district
- **Honour for a Tamil writer after 25 years**
 - ✓ **Indira Parthasarathy**, commonly known as **Ee. Paa**, is **Sahitya Akademi fellow**.

- ✓ After a gap of 25 years, the Sahitya Akademi has chosen a Tamil littérateur – **Indira Parthasarathy**, commonly known as Ee. Paa – for its highest honour of Fellowship.
 - ✓ In 1996, **D. Jayakanthan**, aged 62, was the youngest to become a Fellow of the Akademi. Before him, only two from the Tamil literary world – **Rajaji or C. Rajagopalachari (1969) and T.P. Meenakshisundaram (1975)**.
 - ✓ Talking of the three previous recipients, he pointed out that Rajaji was known for his elegant Tamil prose. **Meenakshi sundaram was a “great Tamil scholar and proficient in many languages”**.
 - ✓ Jayakanthan was the “first full-fledged creative writer” who was made a Fellow.
- **The Tamil Nadu government - to bear the entire education cost of all government school students joining professional courses under the 7.5% quota**
 - **Schizophrenia Research Foundation (SCARF), India - has established a dedicated facility to cater exclusively to the needs of people with dementia in Chennai.**
 - **The Kovalam beach in Chennai and Eden beach in Puducherry - have been awarded the prestigious “Blue Flag” certification**
 - ✓ India have 10 beaches with the coveted international eco-level tag that is given to clean and well-managed beaches as per globally recognised standards
 - ✓ Eden Beach of Puducherry becomes the first beach in the Union Territory to get the coveted eco label
 - **The Tamil Nadu government - has constituted a four-member special task force (STF) to expedite identification and distribution of land to beneficiaries of the Pradhan Mantri Awas Yojana (Gramin) scheme**
 - **Tamil Nadu export promotion policy 2021 in Chennai on September**
 - ✓ The CM urged industries to focus on exports of wide range of GI-tagged products of the state, including Kancheepuram and Arani silk sarees, Thanjavur art works, **Pathamadai mats**, Mahabalipuram stone sculptures, Madurai **jasmine**, Sirumalai **plantains** and Dindigul **locks**, which have demand across the globe.
 - **On September, the State Government - approved one lakh power connections to farmers - most of which would be free -- at a cost of Rs. 3,025 crore to the exchequer**
 - ✓ The one lakh farm electricity connection scheme was recently announced in the State Assembly during the demand for grants (2021-22) for Energy Department.
 - ✓ The state government has entered into an agreement **with Indian Renewable Energy Development Agency Limited (IREDA)** to provide technical expertise in developing renewable energy projects and raise funds to the tune of Rs.1.32 lakh crore
 - **Tamil Nadu government - has identified six champion sectors to focus for the State’s exports thrust**
 - ✓ The champion sectors identified for achieving the \$100 billion target include **automobile and auto components, textiles, food processing, leather and footwear, electronic and communication** as well as machinery.

- **The school education department - is planning to launch a statewide campaign to prevent the learning loss and to ensure basic literacy among children of Classes I to VIII**
 - ✓ Under the campaign, the government plans to take schools to places near students with the assistance of local volunteers to ensure everyone has foundational numeracy and literacy skills.
 - ✓ It will be modelled on the 'Veethi Vagupparai' (Classes on the Streets) method followed by a NGO.
 - ✓ The campaign is likely to be linked with the government's 'Ennum Ezhuthum' mission to ensure children are able to comprehend and possess basic arithmetic skills by the time they reach eight years old.

- **MGR Railway Station of Chennai has become a Green railway fully powered by solar energy.**
 - ✓ **Puratchi Thalaivar Dr. MG Ramachandran Central (DRM)** or Chennai Central railway station will get 100 percent energy through Solar Energy. The Chennai Central railway station comes under the South Central Railway (SCR) zone and which is going to become the world's largest green railway network.

- **Tamil Nadu finance minister Palanivel Thiaga Rajan** - has been nominated by the GST Council in the Group of Ministers (GoM) formed to usher in GST System Reforms

- **Tamil Nadu-based MSME bags contract from Boeing**
 - ✓ For the first time, a Tamil Nadu-based MSME has clinched a deal with the largest aerospace firm Boeing.
 - ✓ Aerospace Engineers Private Limited, located in Salem, won a long-term contract from Boeing to manufacture and supply critical aviation components and parts for the global aerospace company's products.
 - ✓ It will be setting a new manufacturing plant in Hosur.

- **Trans Kitchen**
 - ✓ Trans Kitchen, a hotel run by a group of **transgender people**, was inaugurated near Goripalayam junction, Madurai.
 - ✓ It is a first-of-its-kind initiative in the city.
 - ✓ Swasti organization funded the initiative, in association with organizations like **Aroghyam, Virutti, and Sri Lakshmi Pengal Munnetra Sangam**

- **Defence corridor: T.N. seeks Centre's support**
 - ✓ Tamil Nadu urged the Defence Ministry to sanction six major proposals.
 - ✓ Under the Defence Testing Infrastructure Scheme, the State sought sanction for five proposals – **communication systems & RF antenna in Chennai;**
 - ✓ testing infrastructure for **unmanned aircraft systems in Ulundurpet/Sholavaram;**
 - ✓ a mechanical and material testing facility in Tiruchi;
 - ✓ **electromagnetic interference** and electromagnetic compatibility tests in Chennai; and testing infrastructure for ammunitions in **Tiruchi.**

- **Chief Minister, M K Stalin - inaugurated the Tamil Nadu police museum at Egmore in Chennai on September**

- **Medical Devices Park will attract 3,500 cr. in investments'**
 - ✓ The Medical Devices Park that will come up at Oragadam will attract investments to the tune of 3,500 crore and is expected provide direct and indirect employment to about 10,000 people, Chief Minister M.K. Stalin said on Tuesday
- **Chief Minister M K Stalin - relaunched the 'Varumun Kappom' (preventive healthcare) scheme as 'Kalaigharin Varumun Kappom' at a function at Vazhapadi in Salem on September**
- **The State government - is planning to setup a turmeric research centre in Erode**
 - ✓ This was announced by the commissioner and secretary of Tamil Nadu agriculture and farmers' welfare department C Samayamoorthy.
 - ✓ **Mr.C Samayamoorthy** participated in the third edition of 'PonManjal - CII turmeric conclave 2021' that was organised online by the confederation of India Industry (CII) - Erode zone
- **On September, Chief Minister M K Stalin - introduced a bill in the state assembly to constitute a state commission for scheduled castes (SCs) and scheduled tribes (STs).**

The bill is to be called "The Tamil Nadu State Commission for the Scheduled Castes and Scheduled Tribes Act, 2021"
- **The Tamil Nadu government - has increased the quota for women in government jobs from 30% to 40 %**

STATE

- **'My Pad, My Right'** project in Tripura
- **'Merakaam Mera Maan'**
 - ✓ Punjab to Launch 'Mera Kaam Mera Maan' Scheme to Help Unemployed Youth
- **The snow leopard - has been declared the state animal of the Union Territory of Ladakh**
 - ✓ The black-necked crane has been named the state bird of the Union Territory.
 - ✓ The black-necked crane (*Grus nicricollis*) is listed as "near-threatened" on the IUCN Red List of Threatened Species, while the snow leopard (*Panther unica*) is named under "vulnerable" category.
- **The state of Uttarakhand - has decided to deploy women as Gypsy drivers and nature guides across all tiger reserves and wildlife sanctuaries.**
 - ✓ Two tiger reserves in Madhya Pradesh – **Kanha Tiger Reserve-National Park** and the **Pench Tiger Reserve-National Park** – have women guides who accompany tourists to core tiger-inhabited areas.
- **Samagra Sikhsha Abhiyan (SSA)**
 - ✓ Olympian Lovlina Borgohain as the brand ambassador of the Samagra Sikhsha Abhiyan (SSA) in the state of Assam.
- **Telangana - has started a trial run for delivering vaccines by drones on September.**
- **Uttar Pradesh Government launches 'Matra Bhumi Yojana' for the improvement of rural infrastructure**
- **'Katley' declared as state fish of Sikkim**
 - ✓ 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 Government of Chhattisgarh - signed MoU with Indian Institute of Millet Research, Hyderabad in the presence of Chief Minister Bhupesh Baghel to launch the 'Millet Mission' in the state**
- **Assam's Rice Wine 'Judima' receives GI Tag**
 - ✓ Assam's traditional **Judima wine** has been awarded the Geographical Indication (GI) tag.
 - ✓ It is made from rice and a certain herb and widely popular among the **Dimasa tribals**.
 - ✓ Judima is inseparable from the social and cultural life of the Dimasas.
 - ✓ This is the second product from the hill districts of Karbi Anglong and **Dima Hasao** to get GI tag after **ginger of Karbi Anglong** was awarded GI tag.
 - ✓ **Judima is the first beverage from the Northeast to get this honour**

- **Pradhan Mantri Kisan Urja Suraksha Evam Utthan Mahaabhiyaan (PM-KUSUM)**, as per the data by the Union Ministry of New and Renewable Energy.
 - ✓ Haryana has installed 14,418 pumps against 15,000 sanctioned pumps for the year 2020-21.
 - ✓ Haryana was given a target of 15,000 pumps for the year 2020-21 with a total cost of Rs 520 crore



NATIONAL

- **India - is the most polluted country in the world, with more than 480 million people or about 40% of its population exposed to pollution**
 - ✓ This was revealed in the annual **Air Quality Life Index** report from the University of Chicago released on September
 - ✓ Delhi is the most impacted state in the entire country, with the average person losing 9.7 years of life as compared to average life expectancy if WHO standards were being met.
 - ✓ Uttar Pradesh is the second ranked state with an average person losing 9.5 years of life.

- **Smog**
 - ✓ Delhi chief minister **Arvind Kejriwal** - inaugurated India's first-ever smog tower at **Baba Kharak Singh Marg** in the Connaught Place recently
 - ✓ Smog towers are structures that are designed as large-scale air purifiers in order to reduce air pollution particles.
 - ✓ **PM2.5** refers to fine particles which penetrate deep into the body and fuel inflammation in the lungs and respiratory tract, leading to risks of cardiovascular and respiratory problems, including a weak immune system.
 - ✓ **"IQAir"**, a Switzerland-based air quality technology company that measures air quality levels of selected cities based on PM2.5 concentration, ranked Delhi the world's most polluted capital for the third straight year in 2020.

- **Centre, Assam government and five Karbi Anglong ultra groups - signed a tripartite peace accord on September**
 - ✓ The agreement was signed in the presence of Union Home Minister Amit Shah, Union Minister of Shipping and Waterways, Assam chief minister Himanta Biswa Sarma and the representatives of Karbi Anglong Autonomous Council in New Delhi.
 - ✓ The five groups are **Karbi Longri** NC Hills Liberation Front (KLNLF), **People's Democratic Council of Karbi Longri** (PDCK), **Kuki Liberation** Front (KLF), **United Peoples Liberation Army** (UPLA) and **Karbi People's Liberation Tiger** (KPLT).

- **Two teachers from Tamil Nadu, who received the award from the President, are K Asha Devi and D Lalitha**
 - ✓ **Asha Devi** is the headmistress of the Panchayat Union Middle School at Piratiyur
 - ✓ She was the recipient of numerous awards, including the State government's 2019 Best PTA Teacher Award
 - ✓ **D Lalitha** is the Headmistress of Government Girls Higher Secondary School in Modakurichi.
 - ✓ She has been teaching Physics to students for the past 19 years
 - ✓ The day marks the beginning of **Shikshak Parv-2021** under the Ministry of Education.

- **Shikshak Parv - 2021**
 - ✓ On September, Prime Minister Narendra Modi - launched the National Digital Educational Architecture (N-DEAR), which is likely to play a major role in eradicating inequality in education and its modernisation.

- **Jal Shakti Ministry launches Swachh Survekshan Grameen 2021**
 - ✓ Minister of State of Jal Shakti Ministry, Shri Prahlad Singh Patel, launched the “**Swachh Survekshan Grameen 2021**” under Swachh Bharat Mission (Grameen) Phase -II.
 - ✓ It was launched at an event organized by Department of Drinking Water and Sanitation (DDWS) on September 9, 2021.
 - ✓ Swachh Survekshan Grameen 2021 will be undertaken by the Department of Drinking Water and Sanitation (DDWS) across the country.
 - ✓ DDWS has commissioned the Survekshan in 2018 and 2019 earlier
- **The National Mission for Clean Ganga -** has celebrated ‘Himalaya Diwas’ recently under the theme ‘Contribution of Himalayas and our responsibilities’
- **The Ministry of AYUSH - had launched a new campaign “AYUSH AAPKE DWAR” from 45 locations across India.**
- **Subramania Bharathi Chair at BHU**
 - ✓ PM Modi announced the setting up of the Subramania Bharati **chair** in the memory of Legendary Tamil Poet Subramania Bharati at the Banaras Hindu University (BHU) for Tamil
 - ✓ The chair has been established on **the occasion of the 100th death anniversary of Subramania Bharati** (11th September 2021).
 - ✓ The chair will be recognized in the faculty of arts at Banaras Hindu University (BHU).
- **PM launches Sansad TV, calls it voice of the House**
 - ✓ Sansad TV, a news channel combining the Lok Sabha TV and the Rajya Sabha TV, was launched on Wednesday at a function presided over by Rajya Sabha Chairman M. Venkaiah Naidu in the presence of Prime Minister Narendra Modi and Speaker Om Birla.
- **The 45th GST council Meeting - was chaired by Union Finance Minister Nirmala Sitharaman on September 17, 2021 in Lucknow, Uttar Pradesh**
 - ✓ It had also decided to charge 5% GST on services by cloud kitchens and food delivery platforms like **Zomato** and **Swiggy** with effect from January 1, 2022
 - ✓ The food delivery aggregators will have to collect and deposit 5% GST with the government, in place of restaurants, for deliveries made by them
 - ✓ Meanwhile, the council has decided to revise GST rates to correct Inverted duty structure anomalies in footwear and textile sectors, which is to be implemented from January 1, 2022
 - ✓ Finance minister Nirmala Sitharaman said that the cess collected on goods such as soft drinks, tobacco, coal and cars for the repayment of loans to compensate states for GST shortfall will continue up to March 2026
- **The Ministry of Finance - has set up two group of ministers (GoM), based on the decision taken at the 45th GST Council meeting held on September 17 in Lucknow**
- **NITI Aayog Partners Byju’s to educate children in 112 aspirational districts**
 - ✓ Government think tank NITI Aayog has entered into partnered with edtech major Byju’s, to provide free access to Byju’s high-quality and tech-driven learning programmes to children from 112 Aspirational districts of the country.

- **Niti Aayog tie-up with ISRO,CBSE launch 'Space Challenge' for school students**
 - ✓ Niti Aayog's **Atal Innovation Mission** in collaboration with ISRO and CBSE has launched 'Space Challenge' for school students across India.
 - ✓ This challenge has been designed for all the school students, mentors and teachers across the country who not only are associated with schools having **Atal Tinkering Labs (ATL) labs** but for all the non-ATL schools as well.
 - ✓ The aim of this challenge is to enable innovation among young school students to create something in the space sector that will not only help them learn about the space but create something that the space programme can use itself

- **India's first indigenous cruise liner 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.
 - ✓ This is another incredible luxury travel offering under IRCTC's umbrella of tourism services to the public.

- **The month-long 'POSHAN Maah' or National Nutrition Mission under POSHAN Abhiyan** - is being observed across the country in the month of September

- **The National Dairy Development Board (NDDB)** - launched a digital platform for dairy farmers to provide real-time information on animal health, nutrition and breed development.

- **Trans - Fat free by 2022.**
 - ✓ As per Food Safety and Standards Authority of India (FSSAI) study, India is all set and is on the right track to become industrial **trans fat-free by 2022.**
 - ✓ In India, only **1.34 percent** of the newly tested processed food samples shows more than the permissible levels of ingredients.
 - ✓ FSSAI cited pan-India survey results and dismiss the perception of excessive use of industrial **trans fats** in processed food products.
 - ✓ India has mandated to reduce the limit of industrially **produced trans fats to 2 per cent in order make India free from the industrially produced trans fats by 2022**, one year ahead of the WHO guidelines.

- **Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB-PMJAY)**
 - ✓ The world's largest healthcare scheme **Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB-PMJAY)** has completed three years. It was launched on September 23rd, 2018.

- **PM Modi to roll out National Digital Health Mission**
 - ✓ Prime Minister Narendra Modi on Monday (on September 27, 2021) will announce the nationwide rollout of the **National Digital Health Mission (NDHM), which has been renamed as Pradhan Mantri Digital Health Mission (PM-DHM).**
 - ✓ Under this, a unique digital health ID will be provided to the people, which will contain all the health records of the person. The id will be created using details such as Aadhaar and the user's mobile number.

- **Cabinet approved Production Linked Incentive Scheme for Textiles Industry.**

- ✓ Union Cabinet has approved the Production Linked Incentive Scheme for Textiles. The government will provide incentive worth 10,683 crore rupees over five years to textile Industries.
 - ✓ It will create additional direct employment opportunities for more than 7.5 lakh people. It is estimated that **the PLI Scheme for Textiles will attract investment of more than Rs. 19,000 crores.**
 - ✓ The government has also launched a **National Technical Textiles Mission** for promoting research and development in the sector.
 - ✓ It will encourage investment in the textile sector and give push to the man-made fiber segment.
- **Ayushman Bharat Digital Mission launched**
- ✓ Ayushman Bharat Digital Mission has been launched by Prime Minister Modi. It is also known as National Digital Health Mission.
 - ✓ The Mission is being implemented in the pilot phase across 6 union territories.
 - ✓ The launch of the Ayushman Bharat Digital Mission also coincides with the 3rd anniversary of Ayushman Bharat Pradhan Mantri Jan Arogya Yojana.
- **On September 29, the Centre - launched the Prime Minister POSHAN scheme or PM-POSHAN scheme for providing cooked hot meal in government and government-aided schools**
- ✓ The existing Mid-Day Meal scheme will be renamed as the National Scheme for **PM Poshan Shakti Nirman.**
 - ✓ The Mid-Day meal scheme was initially launched by the Narasimha Rao government in the year 1995
 - ✓ The scheme will be extended to students studying in pre-primary or Balvatikas running in government and government aided primary schools.

SCHEME

'Saath'

- In Jammu and Kashmir, Lieutenant Governor Manoj Sinha has launched a Rural Enterprises Acceleration Programme titled 'Saath' for Self Help Group (SHG) women.

SVAMITVA Scheme

- Union Minister for Panchayati Raj and Rural Development Giriraj Singh inaugurated a national meet on SVAMITVA Scheme:
 - ✓ A Stepping-Stone Towards Upliftment of Rural Economy in **New Delhi**.
 - ✓ SVAMITVA is aimed to provide an integrated property validation solution for rural India leveraging property as a financial asset by the citizens with accurate land records for rural planning.
- **NEP-2020 drafting committee chairperson K Kasturirangan**
 - ✓ 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.
- **NMCG and SAIARD**
 - ✓ National Mission for Clean Ganga (NMCG) signed an MoU with South Asian Institute for Advanced Research and Development (SAIARD) to create **an academic platform to engage young students as well as develop** a research and capacity building hub to support regional development in the eastern region.
 - ✓ Both NMCG and SAIARD will focus on geospatial technology in riverine ecosystems.

COURT VERDICT

- **On September 24, the Supreme Court - sets aside the order of Madras High Court on 10% EWS quota**
The 103rd Constitution Amendment Act, 2019 provides for 10% EWS quota in jobs and admissions to government educational institutions

INTERNATIONAL

- **After two decades, the United States** - has completed its withdrawal from Afghanistan, ending America's longest war, with the last plane out of Kabul
- **Ukraine** - has become the latest Country to **legalise the use of Bitcoin** and other cryptocurrencies on September
- China successfully launches new Earth observation satellite "**Gaofen-5 02**"
- **El Salvador** becomes 1st country to adopt Bitcoin as National Currency
- **UAE's Green Visa**
 - ✓ In 2019, the UAE launched the 10-year "**golden visa**", aimed at welcoming rich residents and highly skilled workers into the country.
- **United Nations World Food Programme (WFP) partners with ICRISAT**
 - ✓ The United Nations World Food Programme has joined hands with the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT).
 - ✓ The partnership is for programmes and research to improve food, nutrition security, and livelihoods in India.
 - ✓ An MoU has been signed in this regard.
 - ✓ Both will work jointly to promote research and awareness-raising on traditional nutritious crop
- **Sri Lanka has declared a state of emergency** .
 - ✓ The sri lankan govt has declared ,state emergency, the food crisis worsened after private banks ran out of foreign exchange to finance imports.
 - ✓ With the country suffering a hard-hitting economic crisis, President **Gotabaya Rajapaksa** said he ordered emergency regulations to counter the hoarding of sugar, rice and other essential foods. The Sri Lankan rupee has fallen by 7.5% against the US dollar this year.
- **The International Monetary Fund (IMF)** has made an allocation of Special Drawing Rights (SDR) 12.57 billion to India. (approx USD 17.86 billion). With this, the total SDR holding of India **has gone upto SDR 13.66 billion (equivalent to around USD 19.41 billion).**

INDIA AND OTHER COUNTRIES

- **India and the US - have signed an agreement for cooperation in the development of air-launched unmanned aerial vehicles (ALUAVs)**
- **'2+2' Ministerial Dialogue between India & Australia**
 - ✓ India will host the first-ever 2+2 Ministerial Dialogue with Australia in New Delhi
- **US, India launch task forces on Hydrogen and Biofuels**
 - ✓ The US Department of Energy along with its Indian counterparts launched a new public private Hydrogen Task Force as well as a Biofuels Task Force.
 - ✓ These groups have been launched under Strategic Clean Energy Partnership (SCEP).
 - ✓ These groups would help expand the use of clean energy technologies to decarbonize the energy sector.
- **India is Dubai's second biggest trade partner**
 - ✓ India has emerged as the second biggest trading partner of Dubai, after China. India's overall volume, in the first half of 2021, is touching 38.5 billion dirhams.



CONFERENCES & SUMMITS

- **The India- ASEAN Engineering Partnership Summit 2021 - was inaugurated by Union Minister of State for Commerce and Industry, Anupriya Patel recently.**
- **The Government of Tamil Nadu joined the event as “Partner State” while Government of Haryana as “Focus State”**
 - ✓ During the event, the Union Minister said ASEAN will be an important region for India with an export target of US\$ 46 billion in meeting the global export target of US\$ 400 billion in financial year 2021-22
 - ✓ The Summit witnessed the participation of over 300 delegates from the Indian industry.
 - ✓ This year is special for both partners as it marks the 25th anniversary of India ASEAN dialogue partnership and 10 years of the Strategic Partnership.
- **13th BRICS Summits.-IN INDIA**
 - ✓ The theme for the Summit is 'BRICS@15: Intra-BRICS cooperation for continuity, consolidation and consensus'.
- **India to organize first-ever Global Buddhist Conference in November**
 - ✓ India is set to host the first-ever Global Buddhist Conference on November 19 and 20, 2021, in Nava Nalanda Mahavihara campus, in Nalanda, Bihar. The academic conference, being organised by Indian Council for Cultural Relations (ICCR), will become an annual feature.
- **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.
- **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.
- **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.

DEFENCE

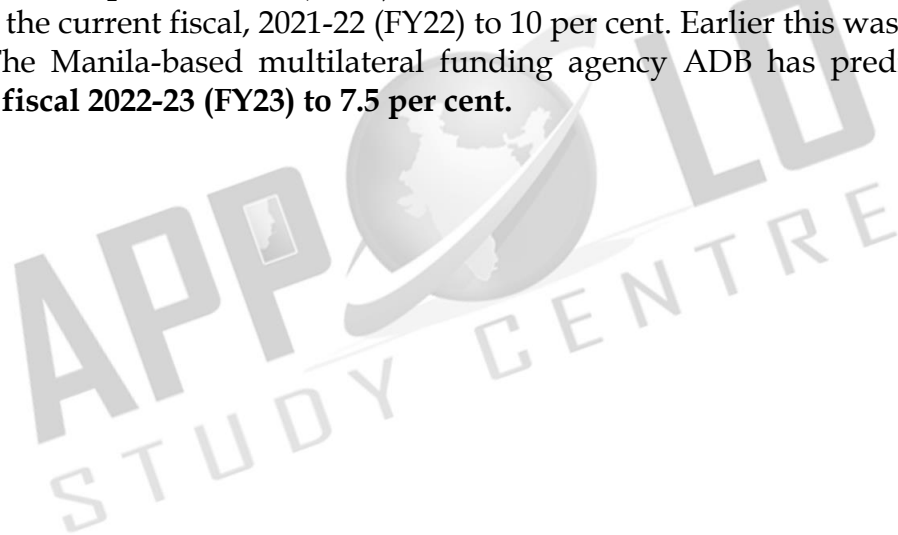
- **QUAD Countries**
 - ✓ The Quad countries – **Australia, Japan, India, and the United States** – have conducted the 25th edition of the Malabar naval exercises off the coast of Guam from August 26-29
- **Defence Minister Rajnath Singh - to meet his Australian counterpart Peter Dutton in New Delhi to discuss specific measures to further expand the bilateral defence cooperation on September**
- **AUSINDEX**
 - ✓ India and Australia kicked off the 4th edition of their bilateral naval exercise 'AUSINDEX' off Darwin.
- **MRSAM-Barak-8 missile system handed over to IAF**
- **MRSAM**
 - ✓ The Defence Research and Development Organisation (DRDO) - has handed over the first deliverable Firing Unit (FU) of Medium Range Surface to Air Missile (MRSAM) System to Indian Air Force (IAF) at Air Force Station, Jaisalmer in Rajasthan.
- **'ZAPAD 2021'**
 - ✓ ZAPAD 2021 is a 13-day exercise and will end on 16 September
 - ✓ In all, 17 countries are participating in ZAPAD including Mongolia, Armenia, Kazakhstan, Tajikistan, Kyrgyzstan, Serbia, Russia, India and Belarus.
- **Separately, the Indian and Kazakh armies are engaged in a 13-day joint military exercise "KAZIND-21" at training Node Aisha Bibi, Kazakhsta**
- **28th Singapore-India Maritime Bilateral Exercise 'SIMBEX-2021' Concludes**
 - ✓ The 28th edition of Singapore-India Maritime Bilateral Exercise (SIMBEX) took place from September 02 to 04, 2021.
 - ✓ The SIMBEX-2021 annual bilateral maritime exercise was hosted by the Republic of Singapore Navy (RSN) in the southern fringes of the **South China Sea**.

ECONOMICS

- **India's GDP growth - rose 20.1% in the three months to June, the first quarter of the 2021-22 fiscal year**
- **The Asian Development Bank (ADB) - signed a \$300 million loan with the Union Government to expand rural connectivity in Maharashtra**
 - ✓ Further, the ADB had also signed a \$112 million loan to develop water supply infrastructure in the state of Jharkhand.
- **State Bank of India has opened a floating ATM**
 - ✓ A Houseboat at Dal Lake in Jammu and Kashmir's Srinagar for the convenience of locals and tourists.
 - ✓ The floating ATM was inaugurated by **SBI Chairman Dinesh Khare**.
 - ✓ This is not the first time that SBI has launched a floating ATM as back in 2004, the bank took this initiative in Kerala
- **Reserve Bank of India will conduct open market purchase of Government Securities under the G-Sec Acquisition Programme (G-SAP 2.0) for Rs 15000 crore.**
- **RBI will also sale Government Securities under Open Market Operations (OMO) for Rs 15000 crore. RBI has asked eligible participants to submit their bids/offers in electronic format on E-Kuber system.**
- **The Reserve bank of India has set the limit for Ways and Means Advances (WMA) for the second half of the financial year 2021-22 i.e October 2021 to March 2022 at Rs. 50,000 crore.**
- **The Reserve Bank may trigger fresh floatation of market loans when the Government of India utilises 75 per cent of the WMA limit**
- **The Pension Fund Regulatory and Development Authority (PFRDA) has increased the entry age for the National Pension System (NPS) from 65 years to 70 years. Earlier the eligible age to invest in NPS was 18-65 years which has now been revised to 18-70 years.**
- **GST revenue remained above Rs 1 trillion marks for the second straight month in August at over Rs 1.12 trillion, 30 per cent higher than the collection in the year-ago period. The mop-up in August is, however, lower than Rs 1.16 trillion collected in July 2021.**
- **Union Minister for Finance & Corporate Affairs Smt. Nirmala Sitharaman has chaired the 24th meeting of the Financial Stability and Development Council (FSDC).**
 - ✓ Finance Minister is the chairperson of FSDC. It must be noted that FSDC Sub-Committee is chaired by the Governor, RBI.
 - ✓ **Financial Stability and Development Council (FSDC)** is the apex level forum set up by the Government of India for strengthening and institutionalizing the mechanism for

maintaining financial stability, enhancing inter-regulatory coordination and promoting financial sector development

- **The crypto industry in India** has the potential to add \$184 billion of economic value, in the form of investments and cost savings, by 2030, according to a report.
- **The report, entitled “Crypto Industry in India,”** was published by the National Association of Software and Services Companies (NASSCOM) in conjunction with Binance-owned crypto exchange WazirX.
- **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%.
- **The Asian Development Bank (ADB)** has revised downwards India’s economic growth forecast for the current fiscal, 2021-22 (FY22) to 10 per cent. Earlier this was projected at 11 per cent. The Manila-based multilateral funding agency ADB has predicted the **GDP growth for fiscal 2022-23 (FY23) to 7.5 per cent.**



RANKINGS

- **India - has emerged as the third largest startup ecosystem in the world after the US and China, as per the Hurun India Future Unicorn List 2021**
 - ✓ **Gazelle** is a startup founded after 2000 with the potential to go unicorn in two years, while **cheetah** may go unicorn in the next four years.
 - ✓ Online retail store **Zilingo** is the most valuable Gazelle and digital furniture platform **Pepperfry** is the most valuable Cheetah.
- **India ranks 46th in Global Innovation Index 2021**
- **India will become 3rd largest importer by 2050**
 - ✓ India could become the world's third-largest importer by 2050, according to a report released by the UK's Department of International Trade.
 - ✓ With a 5.9 per cent share of global imports by 2050, the country will become the third-largest importer, following China and the United States.
- **3rd edition of State Food Safety Index 2020-21**
 - ✓ Union Minister for Health and Family Welfare **Shri 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 to ensure safe food for citizens.
 - ✓ **Top States and UTs in Food Safety Index 2020-21**
 - ✓ **Among the larger states**, Gujarat was the top ranking state, followed by Kerala (2nd) and Tamil Nadu (3rd).
- **Amul, Gujarat Cooperative Milk Marketing Federation (GCMMF) has dropped two places to rank 18th in Rabobank's 2021 Global Top 20 Dairy Companies list.**
- **Hurun Research Institute has released the Hurun India Future Unicorn List 2021**, as per which India is the third-largest Unicorn/startup ecosystem in the world. The USA is on top followed by China on second. India has 51 unicorns according to the list.
- **Zilingo is the top unicorn in the ranking in India with funding of USD 310**
- **India could become the world's third-largest importer by 2050, according to a report released by the UK's Department of International Trade.**
- **With a 5.9 per cent share of global imports by 2050, the country will become the third-largest importer, following China and the United States.**

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➤ **India ranks 46th in Global Innovation Index 2021**

- ✓ **India** has been ranked at **46th place** in the **Global Innovation Index 2021** released by **World Intellectual Property Organization (WIPO)**.

➤ **Top 5 countries in Global Innovation Index 2021 rankings:**

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

➤ **FSSAI's 3rd State Food Safety Index 2021 released**

- ✓ 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.

APP
STUDY CENTRE

APPOINTMENTS

- **B Venkatraman, distinguished scientist** - has been appointed as the Director of Indira Gandhi Centre for Atomic Research, Kalpakkam.
- **CAG GC Murmu gets elected as ASOSAI chairman**
 - ✓ The Comptroller and Auditor General (CAG) of India GC Murmu on 7th September, was elected as the chairman of the assembly of Asian Organization of Supreme Audit Institutions (ASOSAI) for a period of three years from 2024 to 2027
- **Iqbal Singh Lalpura named chairman of National Commission for Minorities**
- Rebecca Grynspan becomes **first woman Secretary-General of UNCTAD**
- **Kasturirangan to lead syllabus panel**
 - ✓ 12-member steering committee given a tenure of 3 years to draft framework
 - ✓ The Centre has started the process to revise school textbooks by appointing former Indian Space Research Organisation (ISRO) chairman **K. Kasturirangan** as the head of a 12-member steering committee responsible for developing a **new National Curriculum Framework (NCF)**.
 - ✓ Dr. Kasturirangan also chaired the drafting committee for the National Education Policy, 2020 which recommended the development of a new NCF.
- **Nobel Peace Laureate Kailash Satyarthi has been appointed by UN Secretary-General Antonio Guterres as a Sustainable Development Goals (SDG) Advocate in the 76th UN General Assembly.**

AWARDS

- **Ramon Magsaysay Award 2021** awardees have been announced, the winners will be formally awarded the Magsaysay Award during the November 28 event at the **Ramon Magsaysay Centre in Manila**.
- **List of awardees of Ramon Magsaysay Awards 2021:**
 - ✓ **Muhammad Amjad Saqib:** A visionary who founded one of the largest microfinance institutions in Pakistan, servicing millions of families.
 - ✓ **Firdausi Qadri:** A Bangladeshi scientist who has been instrumental in discovering vaccines that have saved millions of lives.
 - ✓ **Steven Muncy:** A humanitarian who has been helping the displaced refugees of Southeast Asia rebuild their lives
- **Namita Gokhale receives the 7th Yamin Hazarika Woman of Substance Award**
 - ✓ Namita Gokhale won the 7th Yamin Hazari Woman of Substance Award in 2021.
- **Vinisha Umashankar**, studying at Class 10 in a private school in Tiruvannamalai, has won the prestigious **Children's Climate Prize last year** for designing the mobile ironing cart using solar panels to power a steam iron box rather than conventional charcoal
- **Indian climate activist Shyam Sundar Jyani gets prestigious UN Land for Life Award 2021**
 - ✓ Rajasthan-based climate activist **Shyam Sundar Jyani's** environment conservation concept '**Familial Forestry**' has won the 2021 United Nations Land for Life Award. This award was conferred by the United Nations Convention to Combat Desertification (UNCCD).
- **Politician-writer M Veerappa Moily, Tamil writer Imaiyam and poet Arundhathi Subramaniam** - were among the 20 authors who received the Sahitya Akademi Award for 2020 at a ceremony on September
- **Sahitya Akademi Fellowship 2021**
 - ✓ English author Ruskin Bond, Hindi writer **Vinod Kumar Shukla**, and Malayalam literary critic M Leelavathy are among the eight writers who have been selected for the **prestigious Sahitya Akademi Fellowship 2021**.
 - ✓ The Fellowship is awarded to '**literary persons of outstanding merit**'.
- **Brigadier SV Sarasvati receives National Florence Nightingale Award 2020**
 - ✓ **Brigadier SV Sarasvati**, the Deputy Director-General of Military Nursing Service has been bestowed with the **National Florence Nightingale Award 2020**.
 - ✓ According to the press statement by the Defence Ministry on September 20, 2021, the President of India Ram Nath Kovind conferred the award to SV Sarasvati in a virtual ceremony.

➤ **Winners of Shanti Swarup Bhatnagar Prize 2021 announced**

- ✓ The names of 11 scientists, who received the country's highest science award **Shanti Swarup Bhatnagar Prize** for science and technology 2021 were announced on 26 September 2021.
- ✓ The prize is given to Indian scientists below the age of 45 for outstanding research in seven fields—Biology, Chemistry, Environment Science, Engineering, Mathematics, Medicine, and Physics.

Here is the list of 11 scientists awardees:

➤ **Biological Sciences category:**

- ✓ **Dr Amit Singh**, department of microbiology and cell biology, Indian Institute of Science, Bengaluru.
- ✓ **Dr Arun Kumar Shukla**, department of biological sciences and bioengineering, Indian Institute of Technology Kanpur.

➤ **Chemical sciences category:**

- ✓ Two researchers from the Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, **Dr Kanishka Biswas** from the International Centre of Materials Science and **Dr T Govindaraju**, from the Bio-organic Chemistry Laboratory, announced as recipients.

➤ **Earth, Atmosphere, Ocean and Planetary Sciences category:**

- ✓ **Dr Binoy Kumar Saikia** from Coal and Energy Research Group, CSIR North East Institute of Science and Technology, Jorhat, was named recipient.

➤ **Engineering sciences category:**

- ✓ **Dr Debdeep Mukhopadhyay**, Department of Computer Science and Engineering, Indian Institute of Technology Kharagpur, received the award under the engineering sciences category.

➤ **Mathematical sciences category:**

- ✓ **Dr Anish Ghosh**, school of mathematics, Tata Institute of Fundamental Research, Mumbai.
- ✓ **Dr Saket Saurabh**, The Institute of Mathematical Sciences, Chennai, were announced winners.

➤ **The 2021 Global Goalkeeper Award:**

- ✓ **Phumzile Mlambo-Ngcuka**, former United Nations under-secretary-general and executive director of UN Women.
- ✓ She has been honoured for fighting for **gender equality and her continued advocacy to address the Covid-19 pandemic's disproportionate impact on women and girls.**
- ✓ This award recognises a leader who has driven progress on a global scale toward achieving sustainable development goals (SDGs).

➤ **The Florence Nightingale Award** will be given to a nurse, **Bhanumati Gheewala**, from Sir Sayajirao General Hospital, Gujarat.

- ✓ She has been in charge of COVID-19 positive pregnant women's deliveries as well as infant care.

- **The Golden Rock Railway Workshop (GOC)**, Tiruchchirappalli has bagged 22nd National Award for Excellence in Energy Management from the Confederation of Indian Industry (CII) for having adopted and implemented various energy conservation measures.



BOOKS AND AUTHORS

- **Jhumpa Lahiri to launch her new book 'Translating Myself and Others'**
 - ✓ The Pulitzer Prize-winning noted fiction writer, Jhumpa Lahiri, is set to launch her new book titled 'Translating Myself and Others', which will highlight her work as a translator. The new book is planned to be out in **Spring 2022**.

- **A book title "The Fractured Himalaya" authored by Nirupama Rao**

- **Indra Nooyi on leading a white male-dominated PepsiCo and also being a mother, wife and daughter**
 - ✓ **Book Name** - My Life in Full: Work, Family, and our Future. Author Indra Nooyi

- **Amitav Ghosh's "Jungle Nama" has now been released as an audiobook with music and voice of US-based Ali Sethi.**

PERSONALITIES

- **India's Sherpa for G - 20.**
 - ✓ Commerce and Industry Minister, Piyush Goyal - has been appointed as India's Sherpa for G20.

- **100 most influential people of 2021'**
 - ✓ Prime Minister Narendra Modi,
 - ✓ West Bengal Chief Minister Mamata Banerjee and
 - ✓ Serum Institute of India CEO Adar Poonawalla - by TIME magazine.

SCIENCE AND TECHNOLOGY

- **The Indian Space Research Organisation (ISRO)** - has launched a two-day 'Lunar Science Workshop' to commemorate the completion of two years of operation of **Chandrayaan-2 spacecraft** across the moon's orbit.
- **SpaceX launches first all-tourist crew into orbit**
 - ✓ The crew of the Inspiration4, the first-ever orbital flight crewed entirely by tourists, is now officially in orbit, according to a Livestream from SpaceX.
 - ✓ The SpaceX rocket blasted off from NASA's Kennedy Space Center.
 - ✓ The passengers will now spend three days aboard their 13-foot-wide Crew Dragon capsule in orbit at a 350-mile altitude.
- **For the first time in the history of space tourism, Elon Musk's American Aerospace Company, SpaceX - launched the Inspiration4 mission on September**
- **On September 22, the World Health Organisation (WHO) - released its revised air quality guidelines for six key pollutants, making them more stringent compared to the standards set in 2005.**
 - ✓ The government has a dedicated National Clean Air Programme that aims for a 20% to 30% reduction in particulate matter concentrations by 2024 in 122 cities, keeping 2017 as the base year for the comparison of concentration.
 - ✓ These are cities that do not meet the NAAQS when calculated from 2011 to 2015.
- **NASA launches Landsat 9 satellite to monitor Earth's landscape**
 - ✓ NASA successfully launched Landsat 9, a powerful satellite built to monitor the Earth's land surface on 27 September 2021.
 - ✓ Landsat 9, a joint NASA and US Geological Survey (USGS) mission, lifted off on a United Launch Alliance Atlas V rocket from Vandenberg's Space Launch Complex 3E, California.
 - ✓ It will help make science-based decisions on key issues like water use, wildfire impacts, etc.
- **QUAD (Quadrilateral Security Dialogue) Leaders' Summit**
 - ✓ Prime Minister Narendra Modi is set to attend the first-ever in-person QUAD (Quadrilateral Security Dialogue) Leaders' Summit at the White House, in Washington D.C. on September 24, 2021.
 - ✓ Quad nation comprises of India, Japan, the US and Australia. PM Modi will also address the United Nations General Assembly (UNGA)
- **PM Modi had addressed 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.

- The Indian Institute of Technology (IIT) Madras is working on developing an innovative digital model to address the problem of e-waste (electronic wastes).
- The Indian Institute of Technology (IIT) Bombay has launched 'Project Udaan', a language translator, to break the language barrier in education, which hampers the flow of messages.



SPORTS

- ✓ India finished their campaign at the **Tokyo Paralympics 2020** with an all-time high of 19 medals which includes five gold, eight silver, and six bronze.
- ✓ This is the best medal tally for India a single edition of the Paralympic Games. India is placed at 24th position in the overall medal tally out of a total of 162 nations

➤ Indian Flag Bearers:

- ✓ Javelin thrower **Tek Chand** was the flag bearer at the opening ceremony of the Tokyo Paralympics.
- ✓ Shooter **Avani Lekhara** was India's flag-bearer at the closing ceremony.

➤ India at Paralympics 2020:

- ✓ India sent its biggest ever contingent of **54 para-athletes** at Tokyo Paralympics to compete across as many as 9 sporting disciplines at the Games.
- ✓ Prior to this, India had won a total of **12 Paralympics medals**, since making its first appearance at the Paralympics in 1968, till the 2016 Rio.
- ✓ The Indian theme song of Paralympics 2020 "**Kar de kamaal tu**". The composer and singer of the song is Sanjeev Singh, a Divyang cricket player from Lucknow.

List of Indian Paralympic Medal Winners

Event	Sportsperson	Medal
Women's 10m air rifle standing SH1 event	Avani Lekhara	Gold
F64 Javelin Throw	Sumit Antil	Gold
Badminton men's singles SL3	Pramod Bhagat	Gold
P4 mixed 50m air pistol SH1	Manish Narwal	Gold
Badminton men's singles SH6 -final	Krishna Nagar	Gold
Class 4 Table Tennis	Bhavina Patel	Silver
Badminton men's singles SL4 event	Suhas Yathiraj	Silver
T64 High Jump	Praveen Kumar	Silver

T42 High Jump	Mariyappan Thangavelu	Silver
F46 Javelin Throw	Devendra Jhajharia	Silver
F56 Discus Throw	Yogesh Kathuniya	Silver
T-47 High Jump	Nishad Kumar	Silver
P4 mixed 50m air pistol SH1	Singhraj Adana	Silver
F46 Javelin Throw	Sundar Singh Gurjar	Bronze
Men's 10m air pistol SH1	Singhraj Adhana	Bronze
T42 High Jump	Sharad Kumar	Bronze
R8 Women's 50m Rifle 3P SH1	Avani Lekhara	Bronze
Men's individual recurve archery	Harvinder Singh	Bronze
Badminton men's singles SL3	Manoj Sarkar	Bronze

➤ **US Open tennis - list**

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/ Mc Nally
5	Mixed Doubles	Krawczyk/ Sali Sbury	Giuliana Olmos/ Marcel o Arevalo

- **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
- **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.

- **The Beijing 2022 Winter Olympics unveiled its official motto,**
- ✓ **“Together for a Shared Future”,** during a ceremony at the city’s Capital Museum. The motto was chosen after a lengthy process that included a total of 79 different proposals.

- **FIFA U-17 Women’s World Cup to be Held in India in October 2022**

OBITUARY

- **Tamil scholar, poet and veteran film lyricist, Pulavar Pulamaipithan (86 years) - passed away on September 7 at Chennai due to health complications.**



IMPORTANT DAYS

Date	Day	Theme
September 1 - 7	National Nutrition Week 2021	The theme of the 2021 National Nutrition Week is "feeding smart right from start".
September 2	World Coconut Day	The theme of World Coconut Day 2021 is ' Building a Safe Inclusive Resilient and Sustainable Coconut Community Amid COVID-19 Pandemic & Beyond ' World Coconut Day
September 5	Teachers Day 2021 in India	Dr Sarvepalli Radhakrishnan who was a philosopher and also a teacher and he made a lot of effort in order to contribute to the field of education
September 5	International Day of Charity	It was declared by the United Nations General Assembly in 2012
September 8	International Literacy Day: 08 September	The theme of 55th International Literacy Day is Literacy for a human-centred recovery: Narrowing the digital divide.
September 8	World Physical Therapy Day	-
September 9	Himalaya Day 2021	Theme - 'Contribution of Himalayas and our responsibilities.
September 9	Himalaya Diwas	The day is observed with the aim of conserving Himalayan ecosystem and region
September 9	World EV Day	Special awareness campaigns are organised globally to educate people about the benefits of electric vehicles World EV Day
September 10	World Suicide Prevention Day	Theme 2021 - "Creating Hope Through Action"
September 14	Hindi Diwas or Hindi Day	
September 15	Engineers Day	
September 15	International Day of Democracy	Theme 2021 - "Strengthening democratic resilience in the face of future crises"

September 16	World Ozone Day	
September 17	Hyderabad Liberation Day	
September 18	World Water Monitoring Day	
September 18	World Bamboo Day	
September 21st	World Alzheimer's Day	The day aims to raise awareness about the stigma that runs around Alzheimer disease and related dementia
September 22	World Rhino Day	-
September 25	World Pharmacist Day	-
September 25	Antyodaya Diwas	"uplifting the poorest of the poor" or "rise of the last person".
September 27	World Tourism Day	"Tourism for Inclusive Growth"
September 28	World Rabies Day	The theme for the WRD in 2021 is 'Rabies: Facts, not Fear'

