

SHIKSHA BY SWATHIKA

An IAS Academy

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HINDU

NATIONAL NEWSPAPER SINCE 1878

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OCTOBER FULL MONTH CURRENT AFFAIRS 2021

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STATES

- ❖ Haryana government has banned the participation of its employees in politics and elections.

Tamil Nadu police museum

- ✓ The Tamil Nadu police museum is set up in the old commissioner's office, Egmore, Chennai.
- ✓ The building was the headquarters of the first Police Commissioner of Madras, Lieutenant-Colonel John Carne Boulderson in 1856.

TN MSME gets Boeing contract

- ✓ For the first time, a Tamil Nadu-based Micro Small and Medium Enterprise (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.
- ✓ Now it will manufacture and supply critical aviation components and parts for the global aerospace company's products.

National insurance Academy

- ✓ The National Insurance Academy has tied up with the GIFT City to offer courses in insurance, reinsurance, risk Management and Technology.

- ✓ Vallalar was born in 1823 in Maruthur near Chidambaram in Cuddalore district.
- ✓ He founded 'Sathiya Gnana Sabai' in Vadalur in the Cuddalore district.

Cultivation of cinnamon

- ✓ The CSIR's Institute of Himalayan Bioresource Technology has introduced cinnamon cultivation in Himachal Pradesh on a pilot basis.
- ✓ With this, HP has become the first state of India to have organized cultivation of cinnamon.
- ✓ True cinnamon or *Cinnamomum verum* is grown mainly in Sri Lanka.
- ✓ Minor producing countries include Seychelles, Madagascar, and India.

White onion

- ✓ The white onion of Alibag in Maharashtra Raigad district has earned itself a geographical indication tag.
- ✓ Alibaug white onion also has medicinal qualities and is used for the treatment of heart ailments, controlling cholesterol, and the creation of insulin.

Wada Kolam rice

- ✓ The Wada Kolam rice, widely grown in the Palghar district in Maharashtra, has been given a geographical indication tag.

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- ✓ Wada Kolam is also known as Zini or Jhini rice.

First State to administer 10 cr doses

- ✓ Uttar Pradesh has become the first state in India to administer 10 crore Covid - 19 vaccine doses.

New district in Karnataka

- ✓ Karnataka CM inaugurated the 31st district of the state Vijayanagar.
- ✓ The new district comprises six taluks including the World Heritage site Hampi.
- ✓ It is the home of the former capital of the famous Vijayanagara empire.

Medical Devices Park

- ✓ The Medical Devices Park is to come up at Oragadam, Kanchipuram district.
- ✓ It is expected to provide direct and indirect employment to about 10,000 people.
- ✓ The park would manufacture ventilators, blood pressure monitors, pacemakers, equipment for surgeons and other requirements of the medical fraternity.

Chennai's Sustainable Urban Services

- ✓ The World Bank has approved about a \$150 million program to support Chennai's Sustainable Urban Services.

- ✓ This is to turn it into a “world-class city”.
- ✓ This programme will fulfil Tamil Nadu’s vision of making Chennai into a city that is more green, liveable, and resilient towards climate change.
- ✓ It will bring significant improvements in the quality of four key urban services:
 - ✚ Water supply and sewerage
 - ✚ Mobility
 - ✚ Health, and
 - ✚ Solid Waste Management.
- ✓ Apart from the programme in Tamil Nadu, World Bank has also approved a \$40 million project that will improve the quality of health services in the state of Meghalaya.

Storming operation

- ✓ The State police initiated a 48-hour State-wide storming operation on 23rd September.
- ✓ The Director-General of Police C Sylendra Babu ordered the storming operation.
- ✓ The steps have been taken to ensure that there is no place for rowdies.

TN launches software to aid police investigations

- ✓ Chief Minister of Tamil Nadu Chief Minister, MK Stalin, launched face recognition software for assisting police officials in their investigation.

- ✓ “Face recognition software” will help the police personnel in comparing the photos of suspects with “data resource” that have been uploaded in Crime and Criminal Tracking Network and Systems (CCTNS).
- ✓ CCTNS is a project by Indian government, launched to create a comprehensive and integrated system for effective policing through e-Governance.
- ✓ National Crime Records Bureau is the nodal agency of implementing this project.

LifeSigns

- ✓ Government Rajaji Hospital, Madurai launched a wireless patient monitoring biosensor, called LifeSigns.
- ✓ This will be useful in treating patients with infectious diseases that require isolation.
- ✓ The device is like a chip attached to the body.
- ✓ It records vital readings such as temperature, pulse, respiration, oxygen saturation level and ECG rhythm without the help of medical staff.

Pulampeyar Tamizhar Nala Variyam

- ✓ A Welfare Board for Non-Resident Tamils would be set up.
- ✓ Tamil Nadu Non-Resident Tamils Welfare Act was enacted during the previous DMK regime on March 1, 2011.

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- ✓ The proposed Welfare Board as "Pulampeyar Tamizhar Nala Variyam."
- ✓ Every year, January 12 would be celebrated as the "World Tamils Day".

Group of Ministers

- ✓ Tamil Nadu Finance Minister Palanivel Thiaga Rajan has been nominated as a member of a Group of Ministers (GoM).
- ✓ The GoM is constituted by the GST Council to look into the system reforms.

India's first rural 5G trial

- ✓ Telecom operator Bharti Airtel and equipment maker Ericsson has conducted India's first 5G network trial in a rural location.
- ✓ The demonstration took place in Bhaipur Bramanan village on the outskirts of Delhi-NCR.

Swechha

- ✓ Andhra Pradesh Chief Minister launched with the 'Swechha' program to tackle the stigma attached to menstruation, priority personal hygiene.
- ✓ Under the program, branded sanitary napkins would be provided free of cost to girls students of government educational institutions.

- ✓ A total of 120 napkins per year is allotted to every female student.

Green War Room app

- ✓ The Delhi government launched an advanced Green War Room and Green App to address environmental issues in the national capital.
- ✓ It would look into the problems pertaining to 10 kinds of pollution throughout the winter season.

Edayur Chilli and Kuttiattoor Mango

- ✓ Edayur Chilli and Kuttiattoor Mango are the latest to receive the Geographical Indication status from the state of Kerala.
- ✓ Edayur chilli has been cultivated for at least 150 years.
- ✓ Kuttiattoor mango is a popular and tasty traditional mango.

Ropeway services - Varanasi

- ✓ Varanasi will soon become the first Indian city to use ropeway services in public transportation.
- ✓ The public transport ropeway is proposed to be constructed from Cantt Railway Station (Varanasi Junction) to Church Square (Godauliya).
- ✓ This is to ease the traffic congestion.

Mobile Court units

- ✓ Telangana and Uttarakhand became the first state in the country to introduce mobile Court units.
- ✓ Mobile Court units aim is to allow recording of evidence of women and children victims or witnesses, doctors and medical practitioners on demand.
- ✓ These mobile courts are meant for subordinate courts.

Bathukamma festival

- ✓ The nine-day floral festival has begun in Telangana.
- ✓ The Bathukamma festival is celebrated during Durga Navratri.
- ✓ Bathukamma festival begins on the day of Mahalaya Amavasya and the festival continues till nine days.
- ✓ It ends on the day of Durgashtami.

Adichanallur archaeological site

- ✓ After a long break of 17 years, the Archaeological Survey of India (ASI) is all set to resume excavation at the Adichanallur archaeological site.
- ✓ It is spread over 125 acres along the Thamirabarani river in the Thoothukudi district.
- ✓ The Union government had announced plans to establish an iconic world-class on-site museum at Adichanallur, in February 2020.

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- ✓ Adichanallur site was first excavated by German archaeology enthusiast Dr Jagor in 1876.
- ✓ The British India's ASI Superintending Engineer Alexander Rea excavated the site between 1899 and 1905.
- ✓ The ASI Superintending Archaeologist Dr Sathya Murthy also probed the site in 2004-06.

State-level Disha Committee

- ✓ The State-level Disha Committee headed by Chief Minister MK Stalin will be monitoring the implementation of Centrally-sponsored schemes.
- ✓ The schemes are such as Mahatma Gandhi National Rural Employment Guarantee Scheme, Deen Dayal Antyodaya Yojana, National Rural Livelihood Mission, Pradhan Mantri Gram Sadak Yojana etc.
- ✓ Rural Development Minister KR Periyakaruppan will be the co-chairperson of the committee.

International Furniture Park

- ✓ A first in the country, the Tamil Nadu government is setting up an "International Furniture Park" at Tuticorin.

Seaweed Park

- ✓ The first Multipurpose Seaweed Park in India will be established in Tamilnadu.
- ✓ India was the fourth largest marine products exporting nation in the world.

Nationwide River Ranching Programme

- ✓ It was recently launched in Uttar Pradesh.
- ✓ It was introduced as special activity under the 'Pradhan Mantri Matsya Sampada Yojana (PMMSY) scheme.
- ✓ The National Fisheries Development Board, Hyderabad is the nodal agency.
- ✓ Along with Uttar Pradesh, other 4 states namely, Orissa, Uttarakhand, Tripura and Chhattisgarh also participated in this programme.
- ✓ River Ranching is a form of aquaculture in which a population of a fish species (such as salmon) is held in captivity.

Varumun Kappom

- ✓ Chief minister M K Stalin relaunched the 'Varumun Kappom' (preventive healthcare) scheme as 'Kalaigharin Varumun Kappom' at a function at Vazhapadi.
- ✓ He said 1,250 medical camps would be conducted under the scheme in the state in a year.
- ✓ The Varumun Kappom scheme was first launched by former chief minister M Karunanidhi in 2006.
- ✓ The main objective of the scheme, he said, was to prevent diseases among the people and ensure their health.
- ✓ The camps would address dental, ENT, stomach, intestine, high blood pressure, diphtheria, bone and joint, kidney, heart, and psychiatric related issues.

- ✓ Presently, the official calendar makes use of the Saka calendar and the Gregorian Calendar.
- ✓ The Bhaskarabda calendar the first and the Gregorian calendar by 593 years and discounted from the date of the ascension of Kumar Bhaskar Barman to the throne of Kamrup.

Crime detection

- ✓ Goa, crime detection rate of 86%, top among states of India.
- ✓ The figure was 93% for 20-20 and 86% for 2021 so far.
- ✓ Goa Chief Minister Pramod Sawant also inform debate verification of Tenants Bill will be introduced in the current session.

Tiger T23

- ✓ The man-hunting Tiger T23 of Mudumalai Tiger Reserve has finally been captured alive by the Tamil Nadu Forest Department.
- ✓ They had captured it after 22 days of the massive hunt.
- ✓ T23 was spotted near the Masinagudi forest area.
- ✓ It was moved to Mysuu Zoo.

Dementia-friendly city

- ✓ Kerala Chief Minister Pinarayi Vijayan declared Kochi as a 'dementia-friendly city'.

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- ✓ He said this while inaugurating a dementia-friendly district programme called Udbodh.

Kalaburagi district

- ✓ The District Health Official of Kalaburagi said that around 20 villages in his district have achieved 100% vaccination of the eligible population.

SC/ST Commission

- ✓ Tamil Nadu government appointed the members for SC/ST Commission.
- ✓ Chief Minister MK Stalin said that High Court Judge Sivakumar will be the Chairperson of the Commission.
- ✓ Punitha Pandian, Editor of 'Dalit Murasu' magazine will be Deputy Chairperson.
- ✓ The commission will also have five more persons,
 - ✚ advocate Kumaradevan,
 - ✚ Ezhil Ilangovan (a writer),
 - ✚ Leelayathi Dhanaraj (social activist involved in imparting education to tribal children),
 - ✚ advocate Ilanchezhian and
 - ✚ Professor Raghupathi.
- ✓ The period of the members of the SC/ST commission will be three years.
- ✓ They will ensure that the legal rights of SCs and STs are protected.

Geographic Information System (GIS) mapping of the city.

- ✓ Herein, a GIS tag carrying a unique code of identification for each house will be placed outside houses, making it easier to locate them on Google Maps.
- ✓ The GIS number will be installed in all houses within the municipal limits.

Fish symbol

- ✓ A ring well incised with the decorated fish symbol has been unearthed.
- ✓ It is unearthed during the seventh phase of the archaeological excavation in Keeladi near Madurai.
- ✓ The fish symbol, which is an integral part of the flag believed to have been used by the mighty Pandiyan Kingdom.

Bharat Net Project

- ✓ Tamil Nadu Fibre Net Corporation Ltd accepts the agreement for the implementation of Bharat Net Project in Tamil Nadu.
- ✓ The project is implemented in four packages with various system integrators.
- ✓ TANFINET is a special purpose vehicle implementing the Bharat Net project in Tamil Nadu.
- ✓ The project aims at providing 1 Gbps bandwidth connectivity to all Gram Panchayats.

Koozhangal

- ✓ Tamil film Koozhangal(Pebbles) has been announced as India's official entry to the Oscars 2022.
- ✓ Koozhangal also won the prestigious Tiger award, the top sauna at the 58th International Film Festival Rotterdam 2021.

Tamilnadu Portals to monitor infra projects

- ✓ The Chief Minister Stalin launched web portals developed by the Information Technology Department for reviewing the progress of all major infrastructure projects in the State.
- ✓ It is also to enable all IT/ITES companies in Tamil Nadu to interact with the State government and contribute to policy making.
- ✓ The Tamil Nadu e-Governance Agency (TNeGA) has developed a portal, 'e-munnetram'.
- ✓ It contains key details of projects such as agreement dates, start dates, cost estimates, project progress on both financial and physical parameters on a monthly basis, location data & GIS layers and photographs of the site on a periodic basis.
- ✓ The TNeGA has also conceptualised an interacting platform called 'IT Nanban'.

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- ✓ It is to engage with the IT industry and enable all IT/ITES companies in Tamil Nadu to interact with the State government over policy making.
- ✓ Mr. Stalin also released two Tamil computing software with advanced features developed by the Tamil Virtual Academy.
- ✓ The Keezhadi - Tamizhinaiya keyboard will function with three types of keyboards: Tamil'99 keyboard, Phonetic keyboard and Old Typewriter keyboard.
- ✓ The Tamizhi - Tamizhinaiya Unicode Converter will convert the text, file, and folder.

Social justice Monitoring committee

- ✓ Chief Minister M.K. Stalin announced the formation of a seven-member social justice committee.
- ✓ It will be headed by Dravidian ideologue Suba. Veerapandian.
- ✓ The committee will monitor if social justice is being implemented properly in education, employment, postings, promotions and appointments across Tamil Nadu.
- ✓ It will make recommendations from time to time to the State government to take appropriate measures.
- ✓ The other members are
 - ✚ Retired IAS officer K. Dhanavel

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- ✚ Former Vice Chancellor at Periyar Maniammai Institute of Science and Technology Swaminathan Devadoss
- ✚ Tamil poet Manushyaputhiran
- ✚ A Jaison - an expert in Adi Dravidar and Scheduled Castes related legislations
- ✚ R. Rajendran – an Economic expert
- ✚ G. Karunanidhi - general secretary of the All-India Federation of Other Backward Classes Employees' Association.

Keeladi excavations – 7th Phase

- ✓ The Tamil Nadu State Department of Archaeology (TNSDA) began excavations in Keeladi, Konthagai, and Agaram in Sivagangai district.
- ✓ The seventh phase was conducted by the Tamil Nadu State Department of Archaeology
- ✓ Keeladi is an urban settlement that is at least 2,600 years old.
- ✓ Ring wells were the highlight of the seventh phase of this excavation.
- ✓ Ring wells may have been used as soak pits or draw wells.
- ✓ This is the first time that the Tamil Nadu State Archaeology Department has left the quadrants open without filling it with soil after the excavation ended as it plans to establish an open site museum.

- ✓ Opened in 1874, the Faizabad railway station comes under the Northern Railway zone.
- ✓ The BJP government also changed the name of Allahabad to Prayagraj and Mughalsarai railway junction as Pandit Deen Dayal Upadhyay junction.

Brahmaputra Mail

- ✓ The first passenger train to run entirely on electric traction North East region arrived at Kamakhya station in Guwahati, Assam.
- ✓ Earlier in October 2021, the North East Frontier railway ran its first parcel train on electric traction up to Kamakhya station.

Sex ratio

- ✓ The Sex ratio in Delhi has increased to 933 females to 1000 males in 2020.
- ✓ The infant mortality rate in Delhi she has also between in comparison to 2019.

Wildlife Action plan - Maharashtra

- ✓ Maharashtra became the first state in India to release its own Wildlife Action plan (2021-30).
- ✓ The new plan will be implemented over the next 10 years.
- ✓ It recognises concerns about climate change impacts on wildlife, coastal ecosystems, marine biodiversity, flora and fauna.

Metro Rail with Best Passenger Services Award

- ✓ Delhi Metro Rail Corporation has bagged the award for Metro Rail with the Best Passengers Services and Satisfaction by the Union Ministry of Housing and Urban Affairs.

Tamil Nadu Day

- ✓ The Tamil Nadu government on 30 October 2021 announced that July 18 would be observed as Tamil Nadu Day.
- ✓ It was on 18 July 1967 resolution moved by then Chief Minister CN Annadurai was adopted in the Legislative Assembly to rename then Madras Presidency as Tamil Nadu.
- ✓ The previous government had announced that November 1 would be observed as Tamil Nadu day from 2019.

Advisory Committee for the Welfare of Sri Lankan Tamils

- ✓ The Tamil Nadu government issued an order to establish an Advisory Committee for the Welfare of Sri Lankan Tamils.
- ✓ The 20-member advisory council is led by Tamil Nadu Minority Welfare and Overseas Tamil Welfare minister Gingee KS Mastan.
- ✓ Manuraj Shanmugasundaram is the vice-chairman of the advisory committee.

NATIONAL

First PanIndia helpline for Senior Citizens

- ✓ The Ministry of Social Justice & Empowerment has launched India's First PanIndia helpline for Senior Citizens, called "Elder Line".
- ✓ The Toll-Free Number for this line is 14567.

Press Trust of India - Election

- ✓ Aweek Sarkar, the Editor Emeritus and Vice Chairman of the Ananda Bazar Group of Publications, was re-elected Chairman of Press Trust of India (PTI),
- ✓ It is the country's largest premier news agency.
- ✓ K N Shanth Kumar was elected as the Vice-Chairman.
- ✓ He is the Director of The Printers (Mysore) Pvt. Ltd. which brings out Deccan Herald and Kannada language daily Prajavani.

Parshuram Kund

- ✓ The government of India has started work for the development of 'Parshuram Kund'.
- ✓ It is a Hindu pilgrimage site on the Brahmaputra plateau in the lower reaches of the Lohit river in Arunachal Pradesh.
- ✓ The project was sanctioned under the Pilgrimage Rejuvenation and Spiritual, Heritage Augmentation Drive (PRASHAD) Scheme of the Ministry of Tourism.

Chairman of the Cauvery Water Management Authority

- ✓ The Centre has appointed Saumitra Kumar Halder as the full-time chairman of the Cauvery Water Management Authority (CWMA).
- ✓ The government has appointed a full-time chairman, more than three years after the establishment of the CWMA.
- ✓ Presently, Halder is serving as the chairman of the Central Water Commission.

Amul Honey

- ✓ The Union Agriculture Minister Narendra Singh Tomar launched 'Amul Honey'.
- ✓ Amul Honey is a product of Gujarat Cooperative Milk Marketing Federation Ltd.
- ✓ This product was launched under cooperation with the 'National Bee Board (NBB)'.

Ordnance Factory Board dissolved

- ✓ The Defence Ministry has issued an order to dissolve the Ordnance Factory Board (OFB) in effect from October 1, 2021.
- ✓ This order will abolish OFB, an establishment which was accepted by the British in 1775.
- ✓ After October 1, its assets, employees and management will be transferred to seven newly constituted Defence Public Sector Undertakings (DPSUs).

Ayushman Bharat Digital Mission

- ✓ The Prime Minister Narendra Modi launched the Ayushman Bharat Digital Mission on September 27, 2021.
- ✓ This mission was launched under the pilot project National Digital Health Mission.
- ✓ The flagship digital initiative involves,
 - ✚ Creation of a unique health ID for every citizen, and
 - ✚ Creation of a digital healthcare professionals and facilities registry.
- ✓ The nationwide rollout of the Ayushman Bharat Digital Mission coincides with the third anniversary of Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PM-JAY).

Ease of Logistic Portal

- ✓ The Union Minister of Commerce & Industry, Piyush Goyal, launched “Ease of Logistic Portal”.
- ✓ It is a trade facilitation portal, developed by Federation of Indian Export Organisations.
- ✓ It was launched in order to bring exporters and logistics service providers on a single platform.
- ✓ While launching the portal, the minister noted that the ‘Rules of Business’ have to be the same for all stakeholders.

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- ✓ Presently, renewable energy accounts for less than 10% of power demand at the ports.
- ✓ The Government also targets to electrify 50% of port equipment by 2030.
- ✓ The Ports aim to reduce carbon emissions/ton by 30% by 2030.

NAPRE

- ✓ The Union Minister for Health and Family Welfare, Mansukh Mandaviya and Minister of Fisheries, Animal Husbandry and Dairying, Parshottam Rupala released the “National Action Plan for Dog Mediated Rabies Elimination by 2030 (NAPRE)”.
- ✓ This was launched on the occasion of “World Rabies Day” on September 28, 2021.
- ✓ This action plan was introduced as a roadmap to eliminate rabies by 2030.

India's cleanest river

- ✓ The Umngot river in Meghalaya is the cleanest in the country, as informed by the Ministry of Jal Shakti.
- ✓ Popularly known as the Dwaki river, river Umngot is 100 KM from Shillong in Meghalaya.
- ✓ Umngot flows in Mawlynnong village which is touted as "Asia's Cleanest Village".
- ✓ It acts as a natural divide between Jaintia and Kashi hills, before finally flowing into Bangladesh.

Gandhi Museum

- ✓ On the occasion of the 152nd birth anniversary of Mahatma Gandhi, the renovated Gandhi Museum was inaugurated at the historic Gandhi Ashram trust at Noakhali in Bangladesh.
- ✓ Mahatma Gandhi had visited Noakhali in 1946-47.

People's Plan Campaign 2021

- ✓ The union minister for Panchayati Raj & Rural Development, Giriraj Singh, launched "People's Plan Campaign 2021- Sabki Yojana Sabka Vikas".
- ✓ He also launched a Vibrant Gram Sabha Dashboard.
- ✓ The Minister also launched the 10th issue of Gramoday Sankalp Magazine.

Digi Saksham programme

- ✓ It was launched by the Union Labour and Employment Minister Bhupender Yadav.
- ✓ This digital skills programme was launched with the objective to enhance the employability of youth by improving their digital skills.
- ✓ Digi Saksham is a joint initiative of Microsoft India and the Ministry of Labour and Employment.
- ✓ The programme will be implemented in the field by "Aga Khan Rural Support Programme India (AKRSP-I)".

Swachh Bharat Mission Urban 2.0 and AMRUT 2.0

- ✓ On October 1, 2021, Prime Minister Narendra Modi launched the Swachh Bharat Mission-Urban 2.0 (SBM-U 2.0) along with the Atal Mission for Rejuvenation and Urban Transformation 2.0 (AMRUT 2.0).
- ✓ These schemes were launched at Dr Ambedkar International Centre in New Delhi.
- ✓ These schemes are designed to realize the aspiration of making all cities Garbage Free and Water Secure.

Assessment report of District hospitals

- ✓ A district hospital in India has 24 beds per 1 lakh population, on average.
- ✓ This is according to the “Assessment report of District Hospitals” by NITI Aayog.
- ✓ Bihar is having the lowest average of six beds per 1 lakh population.
- ✓ Puducherry is having the highest number of 222 beds per one lakh population.
- ✓ According to Indian Public Health Standards (IPHS) 2012 guidelines, there should be at least 22 beds per one lakh population in district hospitals.

Bal Raksha Kit

- ✓ All India Institute of Ayurveda (AIIA), under the AYUSH ministry, has developed “Bal Raksha Kit”.

- ✓ It is an immunity-boosting kit.
- ✓ This kit has been developed with the aim of amplifying the immunity of children.
- ✓ This is developed in order to help them fight against the SARS-CoV-2 virus.
- ✓ It was manufactured by Indian Medicines Pharmaceutical Corporation Limited in Uttarakhand.

Comprehensive Economic Cooperation Agreement

- ✓ India's Minister of Commerce and Industry Piyush Goyal and Australian Minister for Trade, Tourism, and Investment Dan Tehan have formally launched the resumption of negotiations on the India-Australia Comprehensive Economic Cooperation Agreement (CECA).
- ✓ This happened during the 17th India-Australia Joint Ministerial Commission.
- ✓ Both India and Australia reiterated their commitment to sign CECA by the end of 2022.

Agro chemicals producer - India

- ✓ According to Agriculture Minister Mr Narendra Singh Tomar, India is the world's fourth-largest producer of agrochemicals.
- ✓ He said this while speaking at the 41st AGM of CropLife India.

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- ✓ CropLife India is an apex organisation of 15 Crop science companies.

Amazon Future Engineer programme

- ✓ E-commerce major Amazon India has announced the launch of the 'Amazon Future Engineer programme' in India.
- ✓ It is a global computer science education programme.
- ✓ The programme will enable access to quality computer science education and career opportunities for students from underrepresented and underserved communities.

Clean India drive

- ✓ The Youth Affairs and Sports Minister Anurag Thakur launched a month-long Clean India drive on October 1, 2021, from Prayagraj.
- ✓ This Nationwide Clean India Programme aims at getting rid of single-use plastic and other waste.
- ✓ The Clean India Programme is being organised in 6 villages of 744 districts across India.
- ✓ It is organised through the networks of Nehru Yuva Kendra Sangathan - NYKS affiliated Youth Clubs and the National Service Scheme- affiliated institutions.

GST rates

- ✓ The Union government has tasked a group of ministers (GoM) to propose a rationalisation of tax rates and

consider the merger of different tax slabs within two months.

- ✓ It is headed by the Chief Minister of Karnataka, Basavaraj S. Bommai.
- ✓ Presently, the GST regime has five broad tax rate slabs viz., zero, 5%, 12%, 18% and 28%.

Quarterly Employment Survey

- ✓ The Labour and Employment Minister Shri Bhupender Yadav released the report of the first quarter of the Quarterly Employment Survey part (April to June 2021),
- ✓ The report is the part of All-India Quarterly Establishment-based Employment Survey (AQEES).
- ✓ It was prepared by the Labour Bureau.
- ✓ The most impressive growth of 152 per cent has been recorded in the IT/BPO sector.
- ✓ The growth rate in,
 - ✚ Health is 77 %,
 - ✚ Education is 39 %,
 - ✚ Manufacturing is 22 %,
 - ✚ Transport is 68 %,
 - ✚ Construction is 42 %,
- ✓ The Employment in Trade came down by 25 per cent.
- ✓ Accommodation & Restaurant the decline was by 13 per cent.

- ✓ Financial services saw a growth rate in employment of 48 per cent.

Comprehensive Economic Partnership Agreement

- ✓ India and the United Arab Emirates formally launched negotiations for a Comprehensive Economic Partnership Agreement.
- ✓ Both sides will aim to conclude negotiations by December 2021.
- ✓ They would sign a formal agreement in March 2022.

Serotype-2 dengue

- ✓ The Central government convened a high-level meeting on the emerging challenge of Serotype-2 dengue cases recently.
- ✓ The States reporting serotype - II dengue cases are Andhra Pradesh, Gujarat, Karnataka, Kerala, MP, UP, Maharashtra, Odisha, Rajasthan, Tamil Nadu, and Telangana.

Tiger rallies

- ✓ The Union Environment Minister Bhupender Yadav started off tiger rallies in 18 tiger range States in India.
- ✓ Tiger Rallies were started across 51 reserves as a part of “Wildlife Week Celebration” and “Azadi ka Amrit Mahotsav”.

- ✓ Rallies were virtually kicked off in three tiger reserves namely,
 - ✚ Biligiri Ranganathaswamy Temple (BRT) Tiger Reserve, Karnataka
 - ✚ Navegaon Nagzira Tiger Reserve, Maharashtra and
 - ✚ Sanjay Tiger Reserve, Madhya Pradesh.
- ✓ The rallies were kicked off with the theme “India for Tigers - A Rally on Wheels”.

Chacha Chaudhary

- ✓ The iconic Indian comic book cartoon character, Chacha Chaudhary has been declared as the official mascot for the centrally-sponsored Namami Gange Programme.
- ✓ Chacha Chaudhary has been chosen to especially connect children with the campaign of river cleanliness.
- ✓ Comics will initially be launched in Hindi, English and Bengali languages.

Election Commission on party symbols

- ✓ The Election Commission of India (ECI) has frozen the ‘Bungalow’ election symbol of the Lok Jan Shakti Party from Bihar.
- ✓ Now neither of the two factions of the party will be able to use it in the coming Assembly by-elections.
- ✓ As per the guidelines,

- ✚ A party/candidate has to provide a list of three symbols from the EC's free symbols list at the time of filing nomination papers.
- ✚ Among them, one symbol is allotted to the party/candidate on a first-come-first-serve basis.
- ✚ When a recognised political party splits, the Election Commission takes the decision on assigning the symbol.

The State of the World's Children 2021

- ✓ Union Health Minister, Mansukh Mandaviya, released a report titled "The State of the World's Children 2021: On My Mind: promoting, protecting and caring for children's mental health" on October 5, 2021 in New Delhi.
- ✓ The state of World's Children 2021 report is UNICEF's global flagship publication.
- ✓ The report highlights the significant impact of COVID-19 pandemic on mental health of the children.

Drone-based vaccine delivery model

- ✓ ICMR's drone response and outreach (i-Drone) was recently launched in Manipur.
- ✓ This initiative was launched in line with government's commitment to "Antyodaya in health".
- ✓ This is for the first time that a 'Make in India' drone has been used in South Asia to transport COVID vaccine over an aerial distance of 15 km.

- ✓ The Delivery is from Bishnupur district hospital to Loktak lake, Karang island in Manipur for administration at the primary health centre.
- ✓ The Road distance between both the locations is 26 kms.

Urban Conclave - Lucknow

- ✓ The Prime Minister, Narendra Modi, inaugurated “Azadi@75 – New Urban India: Transforming Urban Landscape conference-cum-expo”.
- ✓ The Foundation stone for 75 Urban Development Projects in Uttar Pradesh under AMRUT Mission and Smart Cities Mission was laid.
- ✓ 75 smart electric buses were flagged off under FAME-II for seven cities.
- ✓ The cities are Lucknow, Varanasi, Kanpur, Prayagraj, Gorakhpur, Ghaziabad and Jhansi.

Mahabahu Brahmaputra River Heritage Centre

- ✓ Vice President M Venkaiah Naidu, inaugurated the Mahabahu Brahmaputra River Heritage Centre in Guwahati in the state of Assam.
- ✓ The centre was originally served as the residence of the British Assistant Commissioner and Collector of Kamrup district.
- ✓ Post-Independence, it continued to be the Deputy Commissioner’s Bungalow until 2011.

- ✓ It is a group of more than 70 countries increasing the adoption of the Global goal to protect.
- ✓ India's the first of the BRICS block of Ninja emerging economics to join it.

Industrial Park Ratings System Report

- ✓ The 2nd edition of the Industrial Park Rating System (IPRS) Report was launched by the Ministry of Commerce & Industry.
- ✓ The IPRS 2.0 Report will enhance India's industrial competitiveness and attract investment.
- ✓ The IPRS pilot exercise was launched in 2018.
- ✓ 41 Industrial Parks have been assessed as "Leaders" in the Industrial Park Ratings System Report.
- ✓ 90 Industrial Parks have been rated as under the Challenger category.
- ✓ 185 have been rated as under "Aspirers".

State of the Education Report – India

- ✓ The United Nations Educational, Scientific and Cultural Organization (UNESCO)" released its "State of the Education Report (SOER)-2021 for India: No Teachers, No Class".
- ✓ It was released on the occasion of World Teacher's Day (October 5th).
- ✓ This is the third edition of the State of Education Report.

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- ✓ This year, the report focuses on the theme of “teachers, teaching and teacher education”.
- ✓ As per the report, there are around 1.2 lakh single-teacher schools in India.
- ✓ Three States with a high percentage of single-teacher schools are - Arunachal Pradesh (18.22%), Goa (16.08%) and Telangana (15.71%).
- ✓ Findings in the report were prepared on the basis of analysis of Periodic Labour Force Survey and Unified District Information System for Education data.

National Road Safety Board

- ✓ The Union Ministry of Road Transport & Highways notified to set up a “National Road Safety Board”.
- ✓ The National Safety Board will be responsible for the promotion of road safety, innovation and adoption of new technology.
- ✓ It will also regulate traffic and motor vehicles.
- ✓ The Head Office of the National Road Safety Board will be established in the National Capital Region.
- ✓ All the members of the board will be appointed by the Central Government.

PM MITRA parks

- ✓ The Centre has approved the setting up of seven new mega textile parks or PM MITRA parks across the country.

- ✓ This is in an effort to help to further the growth of the textile sector in the economy and position India strongly on the Global textiles map.
- ✓ The Mega Integrated Textile Region and Apparel Parks (PM MITRA) will be based on the 5F vision of the Hon'ble Prime Minister.
- ✓ The '5F' Formula consists of Farm to fibre; fibre to factory; factory to fashion; fashion to foreign.
- ✓ These parks will be set up at Greenfield and Brownfield sites in different States.
- ✓ The parks will be owned in a Public-Private Partnership (PPP) Mode.

Jim Corbett National Park

- ✓ The Union Minister of State for Environment, Forest and Climate Change Ashwini Kumar Choubey has proposed to change the name of Corbett National Park to Ramganga National Park.
- ✓ Jim Corbett National Park is located in the Nainital district of Uttarakhand.
- ✓ The Park encompasses the Patli Dun valley formed by the Ramganga river.
- ✓ The national park was established in 1936 as Hailey National Park to protect the endangered Bengal tiger.
- ✓ It is named after Jim Corbett who played a key role in its establishment.

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- ✓ It is the oldest national park in India.
- ✓ It was the first area to come under the Project Tiger initiative in 1973.

Geographical Indications tags

- ✓ For 51 new products, Geographical Indications (GI) tags were issued by the Chennai registry.
- ✓ They included a German beer (Muncener Bier), Italian veined blue cheese (gorgonzola), a plant resin (Chios Mastiha) from Greece and a variety of seed cones (zatecky chmel) from Czech Republic.
- ✓ Tamil Nadu has earned GI tags for five products.
- ✓ They are Kanyakumari clove, Thanjavur Netti works, Karuppur Kalamkari paintings and wood carvings of Arumbavur and Kallakurichi.

Indian Space Association

- ✓ Prime Minister Narendra Modi, is set to digitally launch the 'Indian Space Association' (ISpA) on October 11, 2021.
- ✓ The Indian Space Association (ISpA) is the premier industry association of space and satellite companies.
- ✓ The Founding members of ISpA include Nelco (Tata group), Bharti Airtel, Larsen & Toubro, Mapmyindia, OneWeb, Walchandnagar Industries and Ananth Technology Limited.

New Pamban railway bridge

- ✓ The Indian Railways began the construction work on the new 2.05 km Pamban railway bridge in Mandapam.
- ✓ It will connect Rameswaram to the mainland in Tamil Nadu.
- ✓ The existing Pamban Rail Bridge is 105 years old.
- ✓ This is India's first vertical lift railway sea bridge.

Akasa Air

- ✓ Ministry of Civil Aviation has given a no-objection certificate (NOC) to new airline named 'Akasa Air' for its operation in India.
- ✓ Akasa Airline is a Ultra-low-cost carrier service (ULCC), which is being launched by Rakesh Jhunjhunwala.
- ✓ This airline will serve all Indians regardless of their socio-economic or cultural backgrounds.

International Airport

- ✓ Adani group has taken over the responsibilities of the Jaipur and Thiruvananthapuram International Airport from the Airports Authority of India.
- ✓ The Airport has been leased out to the group by the government of India for a period of 50 years.
- ✓ Jaipur Airport is the 11th busiest airport in India in Delhi scheduled flight operations.

Renewable energy

- ✓ The ministry of New and renewable energy has informed that India is set to achieve 450 gw of renewable energy installed capacity by 2030.
- ✓ 49% of the installed capacity is from non-fossil based sources.
- ✓ India is also targeting approximately 1 million tons of annual green hydrogen production by 2030.

Banking Day

- ✓ Department of post, ministry of Communications, celebrated the banking day as part of the national postal week and Azadi ka Amrit Mahotsav celebrations.
- ✓ Assam postal circle also released a special cover of Muga silk GI tag on the occasion.

Exercise Malabar 2021

- ✓ India, Japan, the United States and Australia will be participating in the 2nd phase of Multilateral Maritime Exercise Malabar in the Bay of Bengal.
- ✓ The 1st phase of Multilateral Maritime Exercise Malabar was held in the Philippines Sea from August 26 to 29, 2021.
- ✓ The Exercise Malabar began as an annual bilateral naval exercise between the US and India in 1992.

International Energy Agency and India

- ✓ The International Energy Agency (IEA) has invited India to become its full-time member.
- ✓ This membership invitation was given in the light that, India is the world's third-largest energy consumer.
- ✓ If this proposal is accepted, it will require India to increase its strategic oil reserve to 90 days requirement.
- ✓ India became an associate member of the IEA in March 2017.

Central Zoo Authority

- ✓ The Vision Plan (2021-2031) for Indian Zoos was recently released.
- ✓ The vision plan is aimed at upgrading Indian zoos and strengthening the Central Zoo Authority (CZA).
- ✓ It is the statutory regulatory body for zoos in India.
- ✓ It was established in 1992.
- ✓ The main objective of the Authority is to complement and strengthen the national effort in the conservation of the rich biodiversity of the country, particularly the fauna as per the National Zoo Policy, 1998.

Important functions

- ✓ It enforces minimum standards and norms for the upkeep and healthcare of animals in Indian zoos.

Supreme Court on National Green Tribunal

- ✓ The Supreme Court in a landmark judgement noted that the “National Green Tribunal does have Suo moto powers and it can hear environmental issues on its own”.
- ✓ This order came even though the Union government said NGT does not have powers to hear environmental cases on its own.
- ✓ The NGT was established on October 18, 2010 under the National Green Tribunal Act 2010.

Restoring degraded land

- ✓ The Union Environment Minister Bhupender Yadav said land restoration is the solution for biodiversity loss.
- ✓ India is committed to restoring 26 million hectares of degraded land by 2030.
- ✓ This is more than the earlier target of 21 million hectares.

Subsidy for phosphate and potassic fertilizers

- ✓ The Centre has approved an additional fertilizer subsidy for the rabi or winter planting season.
- ✓ The Cabinet Committee on Economic Affairs approved the new nutrient-based subsidy rates for phosphatic and potassic fertilisers.
- ✓ Unlike urea where the Centre sets a fixed maximum retail price, non-urea fertilizer prices are decontrolled with the Government fixing nutrient-based subsidy rates instead.

India's covid-19 vaccination drive anthem

- ✓ The song has been sung by eminent singer Padma Shri Kailash Kher.
- ✓ The Anthem Bharat Ka Tikakaran was launched at Shastri Bhawan in New Delhi.

Exercise Yudh Abhyas 2021

- ✓ India and the United States are set to start a 15-day mega military exercise in Alaska of the USA.
- ✓ The year 2021 will mark the 17th edition of the exercise “Yudh Abhyas”.
- ✓ This Exercise will be conducted at Joint Base Elmendorf Richardson in Alaska.
- ✓ This exercise is to further deepen bilateral military cooperation between both countries.

Atal Community Innovation Center

- ✓ India’s 1st Atal Community Innovation Centre (ACIC) was inaugurated at Vivekananda Global University, Jaipur (VGU) of Rajasthan.
- ✓ It will be the first centre in the country to be set up by the Government of India, Atal Innovation Mission (AIM) and NITI Aayog.
- ✓ The ACIC aims to support and nurture innovative ideas that can take the shape of big ideas and help transform society for a better tomorrow.

SC120-LOX

- ✓ Hindustan Aeronautics Ltd (HAL) has delivered the 'heaviest' Semi-Cryogenic propellant tank (SC120-LOX) to the Indian Space Research Organisation (ISRO).
- ✓ The semi cryo-liquid oxygen (LOX) tank is a part of the SC120 stage.
- ✓ SC120 stage is intended for payload enhancement by replacing the L110 stage in the existing GSLV Mk-III launch vehicle.

Border Security Force jurisdiction

- ✓ The Ministry of Home Affairs (MHA) has extended the jurisdiction of the Border Security Force (BSF) up to 50 km inside the international borders in Punjab, West Bengal and Assam.
- ✓ At the same time, the Ministry has reduced BSF's area of operation in Gujarat from 80 km from the border, to 50 km.
- ✓ The government said it was exercising the powers under the Border Security Force Act of 1968.
- ✓ The BSF's powers which include arrest, search and seizure were limited to up to 15 km in these states.

One Health Consortium

- ✓ The Department of Biotechnology has launched a 'One Health' consortium.

- ✓ This is the First ‘One Health’ project of the DBT.
- ✓ One Health Consortium has been empowered to carry out surveillance of important viral, bacterial, & parasitic infections of zoonotic and transboundary pathogens in India.
- ✓ This project will also look into the use of existing diagnostic tests and the development of additional methodologies to conduct surveillance and understand the spread of emerging diseases.

Multi-modal logistics park

- ✓ A Memorandum of Understanding (MoU) to set up a multi-modal logistics park (MMLP) at Mappedu in Tiruvallur district was signed.
- ✓ It was signed between Tamil Nadu Industrial Development Corporation (TIDCO), National Highways Logistics Management Limited (NHLML) and the Chennai Port Trust (CPT).
- ✓ The MMLP, to be set up close to Chennai Peripheral Ring Road, would connect Chennai airport, Chennai port, Kamarajar port and Kattupalli port.

Plastic Waste Recycling Targets

- ✓ The Union environment ministry has released a draft notification to regulate the extended producer responsibility (EPR) under the “Plastic Waste Management Rules 2016”.

Mount Harriet

- ✓ As a tribute to the freedom fighters of Manipur, the Union government has decided to rename Mount Harriet, an island peak in Andaman and Nicobar Island.
- ✓ It will now be known as mount Manipur. Mount Harriet is the third highest Island peak in Andaman and Nicobar Islands, where manipur Maharaja kulchandra Singh and 22 other freedom fighters were imprisoned during the Anglo Manipuri war.

Covid-19 reverses

- ✓ The world suffered huge reverses in progress towards tuberculosis elimination in 2020 because of covid-19 pandemic.
- ✓ A large number of cases were undetected.
- ✓ India has been the worst hit.
- ✓ The major findings of the Global TB report was released by World Health Organisation.

Giloy herb

- ✓ The Ministry of Ayush warned all those who are using medicinal plant Giloy as natural herbs.
- ✓ They asked them to use it cautiously and avoid 'Giloy like looking plants' that could have harmful effects on health.
- ✓ The scientific name of Giloy, also known as Guduchi, is *Tinospora Cordifolia*.

- ✓ It has been used in therapeutics for a long time in AYUSH systems.
- ✓ But unfortunately, a Giloy looking plant of the Tinospora family (Tinospora Crispa) is sometimes mistaken as Giloy.

Moscow Format Meeting

- ✓ India has been invited to attend Moscow Format Meeting on Afghanistan.
- ✓ The meeting will be attended by representatives of the Taliban.
- ✓ India will be participating in it at the joint secretary level.
- ✓ This will be the first Moscow format dialogue after the takeover of Kabul by the Taliban in August 2021.
- ✓ The meeting is likely to be the first time India will meet the Taliban face-to-face since it set up an interim government last month.
- ✓ Moscow format is a Russian initiative to find a regional solution to the Afghanistan crisis.

Temple Jewelry into gold bars

- ✓ Tamil Nadu Chief Minister M.K. Stalin virtually launched the preliminary work towards the melting of gold ornaments, in temples under the control of the Hindu Religious and Charitable Endowments (HR&CE) Department.

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- ✓ Sri Lankan president Gotabaya Rajapaksa had decided to impose total ban on Agro chemicals to make Sri Lankan farming 100% organic.

One Sun One World One Grid

- ✓ The 4th General Assembly of the International Solar Alliance (ISA) is being held virtually.
- ✓ Initiatives in the solar energy sector including the operationalization of India's One Sun One World One Grid (OSOWOG) initiative will be discussed.
- ✓ The OSOWOG is an initiative by India to interconnect global renewable energy systems with the vision 'The Sun Never Sets'.
- ✓ The initiative was outlined by PM Narendra Modi during the 1st General Assembly of the International Solar Alliance (ISA) in October 2018.

BSRMS

- ✓ The University Grants Commission has issued notification recognising Bachelor of Sowa Rigpa Medicine and Surgery under the specified degrees.
- ✓ Duration of the degree will be of a minimum of 5 years and 10 + 2 is fixed as an entry qualification.
- ✓ Sowa Rigpa traditional and popular medicinal practice in the Himalayan region.

Six routes

- ✓ The union minister for civil aviation, Jyotiraditya M Scindia virtually flagged off six routes.
- ✓ The routes are Kolkata - Guwahati, Guwahati - Aizawl, Aizawl - Shillong, Shillong - Aizawl, Aizawl - Guwahati and Guwahati - Kolkata routes.

11th P-8i aircraft

- ✓ The Indian Navy received its 11th P-8i aircraft from Boeing.
- ✓ The anti-submarine warfare aircraft is the third aircraft to be delivered under the contract for four additional Boeing aircraft ordered by India.
- ✓ The Union Defence Ministry had earlier signed a contract for eight Boeing P-8i aircraft in 2009.
- ✓ The aircraft were already been delivered to the Indian Navy.
- ✓ The contract for procurement of the four additional aircraft was signed in 2016.

Geospatial Energy Map of India

- ✓ The map has been developed by NITI Aayog in collaboration with the Indian Space Research Organisation (ISRO) and the Energy Ministries of the Government of India.

- ✓ This Geospatial Energy Map of India provides a holistic picture of all energy resources like oil & gas wells, petroleum refineries, conventional power plants, coal fields and coal blocks.
- ✓ The GIS mapping of energy assets will be helpful in ensuring real-time and integrated planning of the energy sector in India.

New Quad in West Asia

- ✓ India, Israel, United States and United Arab Emirates (UAE) are ready to build on the momentum created by “Abraham Accords” by holding the first meeting of their foreign ministers.
- ✓ The meeting is being described as a “new Quad” in West Asia.
- ✓ This meeting is the first to bring four countries together on a single platform.
- ✓ The meeting will also be linked with India’s efforts of building new plurilateral and multilateral partnerships which focuses on cooperation in areas including security, connectivity and energy.

Gen-Next Democratic Network

- ✓ Under the new initiative called the “Gen-Next Democratic Network” initiative, India is set to host young leaders aged under 35.

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- ✓ It has been planned by Indian Council for Cultural Relations (ICCR).
- ✓ This event will be inaugurated by the speaker of Lok Sabha, Om Birla.
- ✓ The ICCR is an autonomous body working under the Ministry of External Affairs.
- ✓ It deals with the policies related to India's external cultural relations.
- ✓ Young leaders would be invited from 75 different democracies.
- ✓ These young leaders will be invited from the ruling party, opposition party and other key parties.

Medical termination of pregnancy (Amendment) Rules

- ✓ The gestational limit for termination of a pregnancy in India has been increased from 20 to 24 week for some categories of women.
- ✓ Under the medical termination of pregnancy (amendment) rules, 2021, the limit is for survivors of sexual assault, rape or incest, minors, those whose marital status changes during pregnancy (widowhood and divorce), and those with physical disabilities.

Aadhaar Hackathon 2021

- ✓ The Unique Identification Authority of India (UIDAI) is set to host the 'Aadhaar Hackathon 2021'.

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- ✓ The Aadhaar Hackathon is set to identify young innovators in the area of information technology.
- ✓ It will be the first-ever event being conducted by the Aadhaar team.
- ✓ The UIDAI is a statutory authority which was established under the provisions of the Aadhaar Act 2016.
- ✓ It was established under the Ministry of Electronics and Information Technology (MeitY).

Allium Negianum

- ✓ A plant discovered in Uttarakhand in 2019 has been newly confirmed as a new species of Allium.
- ✓ The plant, called Allium Negianum is a new species of onion.
- ✓ It was discovered in the Indo-Tibetan border area of Malari village, Niti valley of Chamoli district in Uttarakhand.
- ✓ It is restricted to the region of the Western Himalayas in India.
- ✓ It is not yet been reported from anywhere else in the world.

LumiraDx's Covid-19 antigen test

- ✓ LumiraDx, a next generation point of care diagnostics testing company announced that it has received emergency use approval by India's Central drugs standard control organisation for its SARS-CoV-2 Antigen test for use in India.

- ✓ The test detects antigen nucleocapsid protein from a nasal swap with results in under 12 minutes from sample application.

Enhanced Air Quality Early Warning System

- ✓ The Indian Institute of Tropical Meteorology (IITM) has developed a new 'Decision Support System' (DSS) as well as 'Air Quality Early Warning System' (AQEWS).
- ✓ DSS and AQEWS systems were launched for better air-quality management in the Delhi-NCR region.
- ✓ A unique feature of the system comprises providing information on the contribution of biomass-burning activities in the adjoining states.

Fourth General Assembly - ISA

- ✓ The Fourth General Assembly of the International Solar Alliance (ISA) has been organised virtually.
- ✓ The Assembly will be presided over by President of the ISA Assembly RK Singh.
- ✓ He is also the Union Minister for New and Renewable Energy.

Kushinagar International Airport

- ✓ Prime Minister Narendra Modi inaugurated the Kushinagar International Airport at the Lord Buddha's Parinirvana in Uttar Pradesh.

- ✓ The airport is aimed at boosting tourism on the Buddhist circuit.
- ✓ The ancient city of Kushinagar is the final resting place of Gautama Buddha.
- ✓ Here he attained Maha Parinirvana after his death.

100 crore Covid vaccinations

- ✓ India touched the mark of 100 crore Covid vaccinations including the first as well as second doses.

Global Food Security Index 2021

- ✓ India has achieved the 71st position in the Global Food Security Index 2021 from among a list of 113 countries.
- ✓ This Index is designed and constructed by London-based Economist Impact and is sponsored by Corteva Agriscience.
- ✓ The overall score of India is 57.2 points on the GFS Index 2021.
- ✓ Ireland, Australia, the UK, Finland, Switzerland, the Netherlands, Canada, Japan, France and the US shared the top rank.

Microsoft AI Innovate Program

- ✓ Microsoft has launched a programme called “AI Innovate Programme”.
- ✓ The programme was launched in its efforts of supporting the start-up ecosystem in India.

- ✓ The programme will support those start-ups that are leveraging artificial intelligence (AI).
- ✓ It is supported by TiE Mumbai.

Konkan Shakti

- ✓ The United Kingdom and India are set to launch their biggest joint military exercise called “Konkan Shakti”.
- ✓ In the exercise, there will be the re-entry of the UK’s Carrier Strike Group (CSG) into western Indian Ocean waters.
- ✓ Konkan Shakti is the first tri-service exercise between India and the United Kingdom.

Non-GMO rice

- ✓ The government has said that India is exporting strictly Non-Genetically Modified Organism (GMO) rice to the world.
- ✓ The Ministry of Commerce and Industry clarified that there is no commercial variety of Genetically Modified - GM rice in India.
- ✓ The commercial GM cultivation of rice is banned in the country.

Azad Hind Government

- ✓ Every year on 21st October the anniversary of formation of the Azad Hind Government is celebrated across the country.

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- ✓ On this day, India's first independent provincial Government name the Azad Hind Government was announced.
- ✓ Azad Hind Fauj or Indian National Army was formed in 1942 by Rash Behari Bose and revived by Subhas Chandra Bose on October 21,1943.

Life expectancy in India

- ✓ The coronavirus pandemic has caused a drop in the life expectancy of India by almost two years.
- ✓ This was revealed through the statistical analysis by scientists of the International Institute of population studies.
- ✓ The life expectancy at birth in 2019 was 69.5 years for men and 72 years for women, which came down to 67.5 years and 69.8 years, respectively in 2020.

Electric cooking

- ✓ In Delhi and Tamil Nadu, 17 per cent of families are using some form of electric cooking.
- ✓ This is as per an independent study released by the Council on Energy, Environment and Water (CEEW).
- ✓ Delhi, Tamil Nadu, Telangana, Assam, and Kerala are leading the transition towards electric cooking.

Micro snail species

- ✓ A micro snail species named *Georissa mawsmiensis* has recently been discovered from Mawsmi in Meghalaya.

- ✓ These are confined to microhabitats consisting of limestone caves or karst landscapes formed by the dissolution of limestone.
- ✓ This is 170 years after the last such discovery was made.
- ✓ It was in 1851 that Georissa saritta, a member of the same genus as the latest find.
- ✓ The members of the Georissa genus are widely distributed across and reported from Africa, Asia, and the Pacific.

International Monetary and Financial Committee meeting

- ✓ The Union Finance Minister Nirmala Sitharaman attended the Plenary Meeting of the International Monetary and Financial Committee of the Board of Governors of the International Monetary Fund (IMF).
- ✓ It was held in Washington D.C in USA.
- ✓ The meeting was attended by Governors/Alternate Governors representing 190- member countries of the IMF.
- ✓ The discussions at the meeting were centred on "vaccinate, calibrate and accelerate".
- ✓ Nirmala Sitharaman conveyed that India recognises that universal vaccination is the key to stemming the spread of the virus.

NPCI Tokenization system

- ✓ The National Payments Corporation of India (NPCI) has launched the NPCI Tokenization system (NTS).

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- ✓ This is to further enhance the safety of customers and provide a seamless shopping experience to consumers.
- ✓ The NPCI Tokenization System will support the tokenisation of RuPay cards.

Rule of Law Index 2021

- ✓ India has ranked 79 out of 139 countries and jurisdictions in the World Justice Project's (WJP) Rule of Law Index 2021.
- ✓ The WJP Rule of Law Index 2021 ranks the countries based on scores ranging from 0 to 1.
- ✓ 1 indicates the strongest adherence to the rule of law.
- ✓ Denmark, Norway and Finland topped the Index this year.

ABHYAS

- ✓ The Defence Research and Development Organisation (DRDO) successfully tested the high-speed expendable aerial target (HEAT) called ABHYAS.
- ✓ The ABHYAS high-speed expendable aerial target will be used to evaluate several missile systems.
- ✓ It was tested from Integrated Test Range (ITR),
- ✓ Chandipur off the coast of Bay of Bengal in Odisha.
- ✓ ABHYAS has been designed and developed by the
- ✓ Aeronautical Development Establishment (ADE) of DRDO, headquartered in Bengaluru.

India-UK talks on Infra and Defence

- ✓ The External Affairs Minister of India S Jaishankar and British Foreign Secretary, Liz Truss held talks on Infrastructure and Defence.
- ✓ The talk was focused on infrastructure investment, defence cooperation and security cooperation.
- ✓ Liz Truss is also expected to announce a series of technological and infrastructure tie-ups with India for boosting the Indian as well as British economies.
- ✓ These tie-ups will also help the developing countries to grow in sustainable and clean manner.
- ✓ Both the ministers also reviewed the “Roadmap 2030” which was launched during India-UK Virtual Summit.

ROIP System

- ✓ The Radio Over Internet Protocol system at Shyama Prasad Mukherjee Port, Kolkata volcano crater.
- ✓ ROIP system is being introduced as a memory in communication mode, for the first time in any major Indian port.

Podcast on freedom movement

- ✓ Culture minister G Kishan Reddy launched a podcast series freedom struggle.
- ✓ The series, 'Zara Yaad Karo Qurbani', would focus on the people and movements that contributed to the freedom

struggle, "some of which have not found a place in the freedom movement story line".

- ✓ Episode one, titled "Kadam Kasam Badhayeja" is based on the stories of the Indian National Army.

Most sustainable transport system

- ✓ Kochi has bagged the 'city with most sustainable transport system award' instituted by the Ministry of housing and urban affairs.
- ✓ It was awarded in recognition of the projects implemented -- like Kochi Metro, Water Metro and e-mobility -- to enhance transport facilities in the city of Kochi.

Asia first container best mobile hospitals

- ✓ In a first in Asia, India will develop container based mobile hospitals that can be moved by rail or air to address a health emergency.
- ✓ The provision will be under the Pradhan Mantri Ayushman Bharat Health Infrastructure Mission.

Banni buffalo - IVF

- ✓ India's first IVF (in-vitro fertilisation) calf of Banni breed of buffaloes was born at a farmer's house in Gir Somnath district of Gujarat.
- ✓ The Banni breed of buffalo is found primarily in the Kutch region of Gujarat.

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- ✓ The IVF process was carried out in a bid to enhance the number of genetically superior buffaloes for increasing milk production.
- ✓ Banni buffalo, belonging to a dairy farmer, from Dhanej village gave birth to IVF male calf.

Garuda app

- ✓ The Election Commission of India has launched the Garuda app for digital mapping of all polling stations.
- ✓ This is to ensure faster, smarter, transparent and timely completion of election work.
- ✓ Through the Garuda app, Booth Level Officers will upload photos and location information of the polling stations.
- ✓ The app will also help in reducing the paperwork.

Supreme Court on Right to Protest

- ✓ The Supreme Court said that the public roads could not be blocked to hamper the free movement.
- ✓ The court noted that it had laid down the law in the Shaheen Bagh protests case.
- ✓ The right to protest should not hamper the right to movement of the public.

INS Vikrant

- ✓ The first indigenous aircraft carrier (IAC) of India, named Vikrant, started its second phase of sea trials.

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- ✓ INS Vikrant is a 40,000-tonne aircraft carrier.
- ✓ It is the largest and most complex warship that has been built in India.
- ✓ INS Vikrant has been built by Cochin Shipyard Limited.

Pradhan Mantri Atma nirbhar Swasth Bharat Yojana

- ✓ Prime Minister Narendra Modi launched 'PM Ayushman Bharat Health Infrastructure Mission & Release of Operational Guidelines'.
- ✓ Pradhan Mantri Atma nirbhar Swasth Bharat Yojana will be one of the largest pan-India schemes.
- ✓ It will focus on strengthening healthcare infrastructure across the country.
- ✓ It will be launched in addition to the National Health Mission.

First direct international flight

- ✓ The Union Home Minister Amit Shah inaugurated the first direct international flight between Srinagar and Sharjah and the United Arab Emirates.
- ✓ The low-cost airline of India GO FIRST became the first airline to launch direct flights from Srinagar to Sharjah.

National Tribal Dance Festival

- ✓ National Tribal Dance Festival will be held in Raipur of Chhattisgarh from October 28 to October 30.

- ✓ The National Tribal Dance Festival will feature multiple artists belonging to diverse tribal communities from different parts of India.

UDAN 4.1

- ✓ The Union Civil Aviation Minister, Jyotiraditya Scindia, inaugurated the first direct flight on Shillong–Dibrugarh sector.
- ✓ This flight was made operational under the Regional Connectivity Scheme (RCS) Ude Desh Ka Aam Naagrik (UDAN).
- ✓ In September 2021, Shillong airport witnessed more than 5000 passengers.
- ✓ UDAN 4.1 scheme was launched in 2020.

Offshore Sailing Regatta

- ✓ The Indian Navy has organised an Offshore Sailing Regatta from Kochi to Goa.
- ✓ This was done as a part of the Azadi Ka Amrit Mahotsav celebrations.
- ✓ The event was organised under the aegis of the Indian Naval Sailing Association (INSA).

IPL - Two new teams

- ✓ Ahmedabad and Lucknow are the two new teams that will be part of the Indian Premier League (IPL) from 2022.

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- ✓ Hence the total number of teams in the competition became ten.
- ✓ RP-Sanjiv Goenka Group (RPSG) is the owner of the Lucknow team.
- ✓ CVC Capital Partners is the owner of the Ahmedabad team.
- ✓ The IPL's first season was played in 2008.
- ✓ The 15th season will see 10 teams competing for the IPL title.

Gati Shakti express

- ✓ Indian Railway started running India's first full economy AC-3 tier train Gati Shakti express.
- ✓ The base fare of economy AC-3 tier coach is 8% less than the normal AC 3 class of coaches.
- ✓ The train will run between Delhi and Patna.

Green hydrogen

- ✓ The State-owned GAIL (India) Ltd will build India's largest green hydrogenmaking plant.

India and Kyrgyzstan

- ✓ India and Kyrgyzstan held their first strategic dialogue in New Delhi.
- ✓ During the summit, both the countries agreed to enhance security & defence cooperation.

- ✓ Both India & Kyrgyzstan, are facing threats and challenges due to the situation in Afghanistan.
- ✓ They also held discussions on the regional security environment with special reference to Afghanistan.

New Wildlife DNA testing analysis laboratory

- ✓ Uddhav Thackeray, Chief Minister of Maharashtra, inaugurated India's 1st State government-owned Wildlife DNA testing analysis laboratory.
- ✓ It was inaugurated at the Regional Forensic Science Laboratory in Nagpur, Maharashtra.
- ✓ At present, there are 2 Wildlife DNA testing laboratories at Dehradun & Hyderabad.
- ✓ These are fully owned by the Central Government.
- ✓ The newly launched is the 1st in India to be owned by a state government.

16th East Asia Summit

- ✓ The Prime Minister Narendra Modi has participated in the 16th East Asia Summit (EAS).
- ✓ He reaffirmed India's focus on a free, open and inclusive Indo-Pacific and the principle of ASEAN Centrality in the region.
- ✓ The 16th EAS was hosted under the Chairmanship of Brunei.
- ✓ EAS is the premier Leaders-led forum in the Indo-Pacific region.

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- ✓ This was the 7th East Asia Summit for Prime Minister Modi.
- ✓ The Summit ended with the adoption of three Statements by EAS leaders, which includes,
 - ✚ Mental Health,
 - ✚ Economic recovery through Tourism and
 - ✚ Sustainable Recovery.

18th ASEAN-India Summit

- ✓ The Prime Minister Narendra Modi attended the 18th ASEAN-India Summit.
- ✓ The ASEAN-India summits are held annually and provide the opportunity for India and ASEAN to engage at the highest level.
- ✓ PM Modi will review the status of the ASEAN-India Strategic Partnership at the 18th ASEAN-India Summit.
- ✓ He is participating in the summit at the invitation of the Sultan of Brunei.
- ✓ It will be the ninth ASEAN-India Summit attended by Modi.
- ✓ The year 2022 will mark 30 years of ASEAN-India relations partnership, and will be celebrated as ‘ASEAN-India Friendship Year’.

Krishi Udan 2.0 scheme

- ✓ The Ministry of Civil Aviation launched the “Krishi Udan 2.0 scheme”.

- ✓ Under this scheme, cargo-related infrastructure will be built in airports of hilly, tribal, and northeast regions.
- ✓ Such infrastructure will help in assisting farmers to transport agricultural products.

Note

- ✓ The e-Kushal platform would be developed under Krishi Udan 2.0 scheme for facilitating information dissemination to stakeholders with respect to the transportation of agriculture produce.

Green Day Ahead Market

- ✓ The Union Minister of Power & New and Renewable Energy, R K Singh has launched a new market segment, “Green Day Ahead Market (GDAM)”.
- ✓ This makes India the only large electricity market in the world to implement a GDAM exclusively for renewable energy.
- ✓ The new initiative will open the renewable energy sector to enable anyone to set up the capacity and sell it to distribution companies and industries.

Agni-5

- ✓ India has successfully test-fired a surface-to-surface ballistic missile called Agni-5.
- ✓ The missile was launched from APJ Abdul Kalam Island off the Odisha coast.

- ✓ The missile uses a three-stage solid-fuelled engine.
- ✓ It can strike targets up to the range of 5000-km with a very high degree of accuracy.
- ✓ The successful launch of the Agni-5 missile aligns with India's policy to have a "credible minimum deterrence".
- ✓ This policy underpins the commitment of 'No First Use'.
- ✓ The Agni-5 missile has been built by the Defence Research Development Organisation.

Pneumococcal conjugate vaccine

- ✓ Union Minister launched the pneumococcal conjugate vaccine across the country.
- ✓ It was launched under the Universal Immunization Programme, as part of the Azadi ka Amrit Mahotsav.
- ✓ It was for the first time in the country that PCV would be available for universal use.

Mission Samudrayan

- ✓ Union Minister of state Science and Technology launched India's first manned Ocean mission Samudrayan at Chennai.
- ✓ India joint Nations such as the USA, Russia, Japan, France and China to have such underwater vehicles.
- ✓ It will help in carrying out deep ocean exploration on the non-living resources located a depth between 2000 and 5500 meters.

- ✓ It will be based at Porbandar in Gujarat.
- ✓ Commissioning of the ship is a significant boost for the maritime safety and security of India.

Pune Dialogue on National Security

- ✓ 6th Pune Dialogue on National Security (PDNS) 2021 was inaugurated by the Pune International Centre (PIC).
- ✓ It was organised under the theme - 'National Security Preparedness in the Age of Disasters and Pandemics'.
- ✓ During the meeting, participants will discuss the impact of disasters and pandemics on the national security of India.
- ✓ They will also suggest strategies to deal with disasters.
- ✓ PDNS is held by PIC in collaboration with the Policy Perspectives Foundation (PPF) of New Delhi, Centre for Advanced Strategic Studies (CASS) and The Tribune Trust of Chandigarh.

Seven-member Economic Advisory Council - Reconstituted

- ✓ The Central Government of India has reconstituted the seven-member Economic Advisory Council to the PM (EAC-PM).
- ✓ Bibek Debroy continues to be the Chairman of the Council.
- ✓ EAC-PM has been reconstituted for a period of 2 years.
- ✓ EAC-PM was set up in September 2017 with a term of two years and it replaced the erstwhile Economic Advisory Council to the Prime Minister (PMEAC).

"Innovations for You" Digi-Book

- ✓ The Atal Innovation Mission of NITI Aayog has launched a Digi-book named "Innovations for You".
- ✓ The sector in focus in this Digi-book is Healthcare.
- ✓ "Innovation for you" is an initiative of Niti Aayog to share success stories of Atal Innovation Mission's Start-ups in different domains.

INTERNATIONAL

Japan's 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.
- ✓ Fumio Kishida replaces outgoing party leader Prime Minister Yoshihide Suga.

Global Roadmap to Defeat Meningitis by 2030

- ✓ The World Health Organization (WHO) has launched the first-ever global strategy to defeat meningitis.
- ✓ The roadmap includes three visionary goals
 - ✚ Eliminate epidemics of bacterial meningitis.
 - ✚ Reduce cases of vaccine-preventable bacterial meningitis by 50% and deaths by 70%.
 - ✚ Reduce disability and improve quality of life after meningitis of any cause.

UNCTAD Digital Economy Report 2021

- ✓ The United Nations Conference on Trade and Development (UNCTAD) published this report recently.
- ✓ In its report, UNCTAD noted the Philippines as one among six countries that allow free flow of data across borders.
- ✓ Free flow of data is required to boost the digital economy.
- ✓ Other five countries allowing free-flow of data across borders include- Canada, Australia, Mexico, Singapore and the United States.
- ✓ These countries use a “light-touch approach” for data flow.
- ✓ India follows the “restrictive” or “guarded” approach for cross-border data flow.

Nicolas Sarkozy – one year jail term

- ✓ Former French President Nicolas Sarkozy has been sentenced to a one-year jail term by a French court.
- ✓ Nicolas Sarkozy has been accused of spending almost twice the maximum legal amount during his 2012 re-election bid.
- ✓ The court will allow Sarkozy to serve the one-year sentence at home by wearing an electronic monitoring bracelet.

Tsirkon

- ✓ Russia inform that it had successfully test launched a Tsirkon (Zircon) hypersonic Cruise missile from a submarine for the first time.
- ✓ The Severodvinsk submarine had fired the Missile in the Barents Sea which successfully hit its chose target.

Legalise abortion

- ✓ San Marino voted to legalise abortion in a historic referendum.
- ✓ The referendum is historic as San Marino is one of the last European countries that completely forbids abortions under any circumstances.

Bahrain Global Sea-Air Hub

- ✓ The Kingdom of Bahrain launched the fastest regional multi-modal logistics hub in the region.
- ✓ These gains translate to a 50% reduction in average lead time compared to pure sea freight.
- ✓ It also reflects a 40% reduction in cost compared to pure air freight.

UN Food Systems Summit

- ✓ The UN Food Systems Summit will serve as a historic opportunity to empower all people to leverage the power of food systems.

- ✓ This is to drive our recovery from the COVID-19 pandemic and get us back on track to achieve all 17 Sustainable Development Goals (SDGs) by 2030.
- ✓ In 2021, UN Secretary-General António Guterres will convene a Food Systems Summit.

Senegal-Mauritanian Aquifer Basin

- ✓ The four West African countries have signed a joint declaration to advance transboundary cooperation in the Senegal-Mauritanian Aquifer Basin (SMAB).
- ✓ The four countries are Gambia, Guinea Bissau, Mauritania and Senegal.
- ✓ They have agreed to establish a legal and institutional framework for cooperation on SMAB.
- ✓ This would be the first such mechanism in West Africa and pave the way for strengthened collaboration on shared groundwater resources worldwide.
- ✓ Senegal, upon accession to the UNECE Water Convention in 2018, had requested this declaration.

Least Developed Countries (LDC) Report 2021

- ✓ The report was released by the United Nations Conference on Trade and Development (UNCTAD).
- ✓ This annual report provides a comprehensive and authoritative source of socioeconomic analysis and data on the world's most impoverished countries.

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- ✓ According to the report, The Gross Domestic Product (GDP) per capita for the LDC group is less than 10% of the world average (2019).
- ✓ There are 46 countries are designated by the United Nations as LDCs.
- ✓ The list of LDCs is reviewed every 3 years.

Russian film crew

- ✓ A Russian actor Yulia Peresild and a film director Klim Shipenko rocketed to space on a mission to make the world's first movie in orbit.
- ✓ They will film segments of a new movie titled "Challenge".

World Expo 2020 - Dubai

- ✓ The World Expo 2020 has been organised in Dubai in the United Arab Emirates.
- ✓ The main theme of the Dubai Expo 2020 is “Connecting Minds, Creating the Future”.
- ✓ Expo 2020 is the first to be held in the MENA & SA (the Middle East and North Africa & South Asia) region.
- ✓ The theme of the India pavilion at the Expo is “Openness, Opportunity and Growth”.

Pandora Paper leaks

- ✓ Pandora Papers have come to the spotlight after millions of documents related to the hidden world of offshore

wealth got leaked to the International Consortium of Investigative Journalism (ICIJ).

- ✓ These are the 11.9 million leaked papers from 14 companies, in offshore tax havens, comprising of details of ownership of 29,000 offshore companies and trusts from countries like Vietnam, Belize and Singapore.
- ✓ In this case, around 380 people of Indian nationality have been named.

Right to a clean environment

- ✓ The United Nations Human Rights Council (UNHRC) unanimously voted to recognize a clean, healthy & sustainable environment as a universal right.
- ✓ This right was recognized by UNHRC on October 8, 2021 in Geneva, Switzerland.
- ✓ Once the right is recognised by all, it would be the first of its kind in 70 years, ever since the Universal Declaration of Human Rights was adopted in 1948 by the UN General Assembly.
- ✓ Right to a clean environment was first rooted in “1972 Stockholm Declaration”.
- ✓ This resolution emphasises on “Rights to life, liberty and security” of human rights defenders who are working in environmental matters.
- ✓ They are referred as environmental human rights defenders.

International Energy agency

- ✓ International Energy agency has invited India to become its full-time member.
- ✓ India is the world's third-largest energy consumer.
- ✓ India in March 2017 became an Associate member of the Paris based body which advises industrialized Nations on energy policies.

Rural Development Report 2021

- ✓ IFAD's Rural Development Report 2021 focuses on "Transforming food systems for rural prosperity" (IFAD - International Fund For Agricultural Development).
- ✓ The Rural Development Report 2021 was launched during the United Nations Food Systems Summit.
- ✓ The report stressed the importance of government investment in rural farms and local small and medium-sized enterprises that support activities after the farm gate.
- ✓ The Activities here refers to storing, processing, marketing and food distribution.

Russian Movie

- ✓ 'Challenge' is the 1st movie to be shot in space (Russian Movie).
- ✓ It's being directed by the Russian Film director Klim Shipenko.

Balloon Rides to Space

- ✓ The World View Enterprises is developing a balloon-based system that will carry people to the stratosphere.
- ✓ Its first commercial flights are targeted for early 2024.
- ✓ The World View Enterprises is an Arizona-based company.

G20 Extraordinary Leaders' Summit

- ✓ Prime Minister Narendra Modi has attended the G20 Extraordinary Leaders' Summit.
- ✓ G20 Extraordinary Leaders' Summit is being organised to discuss the situation in Afghanistan.
- ✓ This event is convened by the G20 Italian Presidency in virtual mode.
- ✓ The world leaders will discuss the response to humanitarian needs as well as access to basic services & livelihood in Afghanistan.

World's largest Bitcoin mining centre

- ✓ The United States have overtaken China to account for the largest share of the world's Bitcoin mining.

World's first automated, driverless train

- ✓ German rail operator and industrial group Siemens unveiled the world's first automated, driverless train in the city of Hamburg.
- ✓ It is more energy-efficient than traditional trains.

- ✓ The birdlife international analysis, which is based on observations of 544 native bird species, reveals that various birds of the European ecosystems are disappearing.

First solar observation satellite

- ✓ China sent its first solar exploration satellite into space from the Taiyuan satellite launch centre.
- ✓ The satellite was launched aboard a Long March-2D rocket and entered its planned Orbit successfully.
- ✓ It will observe the deep-red H-Alpha line of the solar system, enabling scientist to study solar flares.

US wins seat on UN

- ✓ The United Nations General Assembly elected the United States to the Geneva based Human Rights Council, more than three years after the Trump administration quit the 47-member body.

Bird species extinction

- ✓ As per Europe Red List report, one in five bird species is now at risk.
- ✓ The birdlife international analysis, which is based on observations of 544 native bird species, reveals that various birds of the European ecosystems are disappearing.

US Indigenous People's Day

- ✓ The American President Joe Biden has proclaimed October 11 as "Indigenous Peoples' Day".
- ✓ He has become the first U.S. president to formally recognize this day.
- ✓ Indigenous Peoples' Day is typically observed on the second Monday of October.
- ✓ This Day recognizes the Indigenous communities who have lived in the United States for thousands of years.

Draft resolution

- ✓ India has introduced a draft resolution United Nation General Assembly, for granting observer status to International Solar Alliance.
- ✓ This was informed by India's permanent representative to the United Nations TS Tirumurti.
- ✓ ISA was launched by PM Narendra Modi in Paris in 2015.
- ✓ It aims to contribute to the implementation of the Paris climate agreement.

Green bond

- ✓ The European Union issued the first Next Generation EU green bond in October 2021.
- ✓ This was the largest green bond orderbook ever in global capital markets and the EU is set to become the world's largest green bond issuer by far.

- ✓ The missile circled the world before cruising towards its target.
- ✓ However, it missed its mark by about 24 miles.
- ✓ This demonstrates that China made impressive progress on hypersonic weapons.
- ✓ This test was more advanced than the US.
- ✓ As per the report, the weapon could fly over the South Pole in theory.
- ✓ This will pose a big challenge for the US military as its missile defence systems focus on the northern polar route.

G20 Innovation League

- ✓ The Italian Presidency of the G20 grouping has unveiled the “G20 Innovation League”.
- ✓ It is a new and unique initiative that have been designed to drive forward innovative projects.
- ✓ This is to create a sustainable future.
- ✓ G20 Innovation event was held in Sorrento, Italy.

Military drills

- ✓ Egypt and Sudan hold military drills education and sudanese armed forces started joint drills in Northern Egypt including education border guards and Sudanese infantry trained for border security.
- ✓ Named as "Guardian of the South-1", the joint military exercise is held at Mohammed Naguib military base in the Mediterranean province of Matrouh.

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- ✓ Saudi Arabia is the largest emitter of carbon dioxide globally, and the highest on a per capita basis among G-20 countries.

Grey List of countries

- ✓ The Financial Action Task Force retained Pakistan on the 'Grey List of countries.
- ✓ This time it had added three new countries namely Turkey, Jordan & Mali, to the Grey List.

Barbados

- ✓ The Caribbean Island called Barbados, in a bid to become a republic has elected its first-ever president.
- ✓ This move will also remove Britain's Queen Elizabeth II as head of state of Barbados.
- ✓ Sandra Mason will swear in as president on November 30, 2021.
- ✓ Sandra Mason is the current governor-general of the island.
- ✓ November 30 marks the 55th anniversary of the independence of Barbados from Britain.

Special Trust fund

- ✓ The United Nations has set up a special trust fund for Afghanistan.
- ✓ This is to provide urgently needed cash directly to Afghans.

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- ✓ It was set up with the aim of injecting liquidity into Afghan households.
- ✓ Germany is a first contributor to the fund.

Hypersonic missile - US

- ✓ The United States has successfully tested hypersonic missile technology.
- ✓ Hypersonic Missile Technology is a new weapons system that is already being deployed by Russia and China.
- ✓ The test was conducted at a NASA facility in Wallops, Virginia.

UN Global Sustainable Transport Conference

- ✓ The Second UN Global Sustainable Transport Conference was recently concluded at Beijing in China.
- ✓ In this, India strongly opposed the Belt and Road Initiative (BRI) and CPEC projects of China.

Belt and Road initiative

- ✓ The BRI is a multi-billion-dollar initiative which was launched in the year 2013, by Chinese President Xi Jinping.
- ✓ The project was launched with the aim of enhancing China's influence.
- ✓ It aims to link Southeast Asia, Central Asia, Africa, Europe and the Asia's Gulf region with a network of land and sea routes.

Cumbre Vieja volcano

- ✓ Cumbre Vieja volcano erupted in Spain's La Palma Island.
- ✓ The economy of La Palma, part of Spain's Canary Islands, is based mainly on tourism and banana plantations.
- ✓ The Spanish government has pledged millions of euros (dollars) to help rebuild damaged infrastructure.

COP15

- ✓ The 15th Conference of the Parties (COP15) of the Convention on Biological Diversity was held in Kunming, Yunnan Province, China.
- ✓ The theme of the conference is "Ecological Civilization: Building a Shared Future for All Life on Earth".
- ✓ The leaders adopted the Kunming Declaration.
- ✓ The meeting takes place in two phases.
- ✓ The Phase one took place virtually, from 11 to 15 October.
- ✓ The Phase two will be an in-person meeting in 2022.

Global Threat Assessment report 2021

- ✓ 'We Protect Global Alliance' recently released this report.
- ✓ The report notes that Child sexual abuse is a chronically underfunded issue.
- ✓ Amid the COVID-19 pandemic, cases of child sexual exploitation and abuse online have increased.

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- ✓ We Protect Global Alliance is a global movement of around 200 governments, private sector companies as well as civil society organisations.
- ✓ They work together to transform the global response to child sexual exploitation as well as abuse online.

Shijian-21

- ✓ China successfully launched a new satellite named Shijian-21.
- ✓ The satellite will be used to test and verify space debris mitigation technologies.
- ✓ This launch marked the 393rd mission for the Long March series carrier rockets.

New Border Law

- ✓ For the first time, China has enacted a national law on “protection and exploitation” of the country’s land border areas.
- ✓ The Chinese law has been enacted in the backdrop of regional tensions across its border with India.
- ✓ India shares a 3,488 km border with China, extending from Arunachal Pradesh to Jammu & Kashmir.
- ✓ The border with India is not fully demarcated.
- ✓ However, the process of clarifying & confirming the LAC is in progress.

IRIS initiative at COP26

- ✓ India, Australia, and the UK in collaboration with small island developing states have planned to launch a new initiative.
- ✓ It is called the “Infrastructure for Resilient Island States (IRIS)”.
- ✓ It is to be launched on the sidelines of the Conference of Parties (COP26).
- ✓ The IRIS platform aims at creating an infrastructure that can withstand disasters and lessen economic losses in island nations.

Poorest country in Europe

- ✓ Bosnia and Herzegovina is the poorest country in the Europe.
- ✓ The unemployment rate is 40%.
- ✓ It is the third highest level in the world after Djibouti and Congo.
- ✓ The overview of the economically weakest regions was made by 'WirtschaftsWoche'.

G20 countries and richest economies

- ✓ Climate change will have devastating impacts on the G20, which includes the world's richest economies, according to a new report.

- ✓ The G20 Climate Impacts Atlas has found that over the past 20 years, heat related deaths have increased by at least 15% in all member countries.
- ✓ The report was released by the Euro-Mediterranean Centre on Climate Change.

Passport with 'X' gender marker

- ✓ The United States issued the first passport with an "X" gender marker.
- ✓ This marks a milestone in recognising the rights of people who are not identified as male or female.
- ✓ This step was taken following the fight of Dana Zzyym, who is an intersex activist from Fort Collins.

The Changing Wealth of Nations 2021

- ✓ The World Bank recently published this report.
- ✓ According to the World bank, human capital is defined as "earnings over a person's lifetime."
- ✓ As per the report, South Asia suffers the most in terms of loss of human capital loss because of air pollution.
- ✓ As per report, human capital was the largest source of worldwide wealth.
- ✓ The latest edition of the report has measured wealth creation and distribution among 146 countries.
- ✓ It covers a 20-year period from 1995 to 2018.
- ✓ About 80 per cent of wealth in the South Asian region was attributed to men.

Blue Hydrogen

- ✓ Saudi Arabia announced that it will use one of the world's biggest natural-gas projects to produce Blue Hydrogen.
- ✓ A large portion of gas from the \$110 billion Jafurah development will be used for manufacturing Blue Hydrogen.
- ✓ Blue Hydrogen is produced by converting natural gas and capturing carbon dioxide emissions.

Meta

- ✓ Facebook changes the parent company name.
- ✓ The parent company's name is being changed to "Meta" to represent a future beyond just its troubled social network.
- ✓ Facebook, Instagram and WhatsApp will keep their names under the rebranding.

Greenhouse Gas Bulletin

- ✓ The World Meteorological Organization released its Greenhouse Gas Bulletin, recently.
- ✓ As per this Bulletin, abundance of heat-trapping greenhouse gases in the atmosphere reached a new record again in the year 2020.
- ✓ Annual rate of increase was above the 2011-2020 average.
- ✓ The Report notes that the trend has continued in 2021.

- ✓ The Concentration of carbon dioxide (CO₂) increased to 413.2 parts per million in 2020.
- ✓ It accounted for 149% of the pre-industrial level.

Shinincheon Bitdream Fuel Cell Power Plant

- ✓ South Korea announced the completion ceremony of the 'Shinincheon Bitdream Fuel Cell Power Plant'.
- ✓ The power plant has a total capacity of 78 MW constructed in four stages since 2017 by using fuel cells supplied by POSCO Energy and Doosan Fuel Cell.
- ✓ It is the world's largest fuel cell power plant currently in operation.
- ✓ Unlike other power generators, hydrogen fuel cell emits very little nitrogen oxides (NO_x) and sulfur oxides (SO_x) as it does not produce electricity through high-temperature combustion.

International Observer for Presidential Elections

- ✓ The Chief Election Commissioner (CEC) of India, Sushil Chandra, led a threemember delegation to Uzbekistan to oversee the presidential election.
- ✓ The President of Uzbekistan, Shavkat Mirziyoyev, won the election with more than 80% of the vote.
- ✓ He has been re-elected for a second five-year term.

World largest hydrogen fuel cell

- ✓ South Korea has completed the construction of the world's largest hydrogen fuel cell power plant.

- ✓ The 'Shinincheon Bitdream Fuel Cell Power Plant' largest independent power production company, POSCO Energy and Doosan Fuel Cell.

Africa's glaciers

- ✓ The World Meteorological Organization (WMO) and other agencies, released their new report recently.
- ✓ In their report, these agencies warned that Africa's rare glaciers are going to disappear in the next two decades because of climate change.
- ✓ The report was released ahead of the "U.N. climate conference" which is scheduled in Scotland.
- ✓ The report notes that the shrinking glaciers of Mount Kenya, Mount Kilimanjaro, and the Rwenzori Mountains in Uganda are the symbol of rapid and widespread changes to come.

Russia to help India tackle coal shortage

- ✓ India and Russia have signed a memorandum of understanding (MoU) to collaborate in the mining and steel sector.
- ✓ The MoU especially focuses on coking coal.
- ✓ The signing of the deal is part of India's National Steel Policy 2017.
- ✓ Under the National Steel Policy 2017, India aims to reach 300 million tonne steel production by 2030.
- ✓ It is also working on forward and backward integration.

First homegrown space rocket

- ✓ South Korea launched its first homegrown rocket.
- ✓ The rocket is called Nuri.
- ✓ It was launched from the country's Naro Space Centre.
- ✓ Nuri is the country's first space launch vehicle developed and built completely with South Korean Technology.

MEDICINE

Molnupiravir

- ✓ Molnupiravir has reduced the chances of hospitalisation by half among COVID19 patients with mild or moderate symptoms.
- ✓ This is according to the pharmaceutical company “Merck and Ridgeback Biotherapeutics”
- ✓ Molnupiravir drug has been named as ‘EIDD 2801’ by the company.
- ✓ Here ‘E’ indicates it was developed at Emory University of USA.
- ✓ The antiviral drugs work by inhibiting a process by which the virus replicates.

Gardasil 9

- ✓ MSD Pharmaceuticals Pvt. Ltd announced the launch of India’s first genderneutral human papillomavirus (HPV) vaccine - Gardasil 9.

FDA takes additional actions

- ✓ The US Food and Drug Administration approved the use of third doses of the modern and Johnson and Johnson vaccines against the novel Covid-19 for eligible individuals.
- ✓ The use of a single booster dose of the Janssen COVID-19 vaccine may be administered at least two months after completion of the single dose primary arrangement to individual 18 years of above and older.

GEOGRAPHY

Earth's brightness is dropping

- ✓ According to the study, warming ocean water have led to a drop in Earth's brightness.
- ✓ It is now reflect about half a watt less than it did 20 years ago, most of the drop occurring in the last three years of Earthshine data.
- ✓ Earthshine is the light reflected from the earth that illuminates the surface of the Moon.

Earthquake on Mars

- ✓ The NASA probe (InSight) has detected an earthquake on Mars measuring a magnitude 4.2 that shook the ground for nearly an hour and a half.
- ✓ This is the biggest and longest-lasting quake on Mars.

Cyclone Shaheen

- ✓ The deep depression in the Arabian Sea intensified into Cyclone Shaheen. It is further likely to intensify into a severe cyclonic storm, according to the India Meteorological Department.
- ✓ The name 'Shaheen' was given by Qatar, one of the member countries for naming a tropical cyclone in the Indian Ocean.
- ✓ The meaning of the word 'Shaheen' is the royal white falcon or Hawk.

Arctic ice levels hit historic lows

- ✓ According to a recent research on the world's seas and climate change, Arctic ice levels have hit historic lows.
- ✓ From 1993 to 2020, sea levels rose at an average of 3.1 mm each year.
- ✓ Ocean temperatures rose by an average of 0.015 degrees Celsius each year throughout the same time period.

Mount Aso volcano

- ✓ Mount Aso volcano in Japan erupted recently.
- ✓ Mount Aso is the largest active volcano in Japan.

SCIENCE AND TECHNOLOGY

Landsat 9

- ✓ It was recently launched by NASA.

- ✓ It is an Earth monitoring satellite.
- ✓ It is a joint mission of NASA and the US Geological Survey (USGS).
- ✓ Together with Landsat 8, it will collect images of Earth's surface.
- ✓ It takes 8 days to capture the whole Earth.
- ✓ The instruments aboard Landsat 9 are the Operational Land Imager 2 (OLI-2) and the Thermal Infrared Sensor 2 (TIRS-2).

Alternative to Corneal transplantation

- ✓ The Indian Institute of technology, Hyderabad (IIT-H) developed a hydrogel from discarded corneas.
- ✓ This can be used as an alternative to Corneal transplantation.
- ✓ The Research team was led by Dr Falguni Pati, an Associate Professor at Department of Bio-medical Engineering at IIT-H.

Cost-effective production of hydrogen

- ✓ The Scientists have, for the first time, developed a large-scale reactor that produces a substantial amount of hydrogen using sustainable sources like sunlight and water.
- ✓ This is a cost-effective and sustainable process.
- ✓ They have used earth-abundant chemical called carbon nitrides as a catalyst for the purpose.

Lucy Mission - First Mission to Trojans

- ✓ NASA will launch its first spacecraft, Lucy, on an Atlas V rocket to study Jupiter's Trojan asteroids.
- ✓ This is to collect insights into the solar system's formation.
- ✓ The mission is named 'Lucy' after an ancient fossil that provided insights into the evolution of the human species.

Mars Orbiter Mission

- ✓ India's Mars Orbiter spacecraft has completed seven years in its orbit.
- ✓ This is well beyond its designed mission life of six months.
- ✓ Mars Orbiter Mission is the maiden interplanetary mission of ISRO.
- ✓ Launched on November 5, 2013, the probe was successfully inserted into Martian orbit on September 24, 2014 in its first attempt.

UAE to launch probe

- ✓ The United Arab Emirates announced plans to send a probe to land on asteroid between Mars and Jupiter.
- ✓ The objective of the program is to collect data on the Origins of the universe.

BepiColombo

- ✓ The European Japanese BepiColombo spacecraft has sent back its first images of Mercury.

- ✓ The captured image shows the northern hemisphere and characteristic pock-mark features.

NASA's Psyche Mission

- ✓ NASA, is set to send its "Psyche Mission" to visit a giant asteroid called Psyche, which could be the frozen remains of molten core of a bygone world.
- ✓ Psyche asteroid orbits around the Sun in main asteroid belt, in between Mars and Jupiter.
- ✓ NASA will send its Psyche Mission in August 2022 launch.
- ✓ This spacecraft will orbit around the asteroid for two years.
- ✓ In two years, it will take pictures, map the surface, and look for evidence of an ancient magnetic field.
- ✓ This is the first mission to explore an asteroid with a surface comprising of substantial amounts of metal rather than rock or ice.
- ✓ It also provides first opportunity to examine the interiors of a rocky planet.

Starscapes

- ✓ Starscapes has launched a public observatory in Uttarakhand.
- ✓ The new observatory 'Stargate Observatory Bhimtal' by Starscapes Experiences Pvt Ltd is situated in Bhimtal.

- ✓ With this, the tourists will witness a holistic astronomical experience.

DART spacecraft

- ✓ The American Space Agency, NASA has announced to launch “asteroid-killing Double Asteroid Redirection Test (DART) spacecraft”.
- ✓ The DART mission is based on the idea of developing a defence system against asteroid collisions
- ✓ The spacecraft will be launched, aboard SpaceX’s Falcon 9 rocket.
- ✓ It will be launched from Vandenberg Space Force Base, California.

Isothermal Forging Technology

- ✓ DRDO has developed Critical near Isothermal Forging Technology for aero engines.
- ✓ Isothermal forging is a closed-die process.
- ✓ Here the dies and the workpieces are heated to the same temperature.
- ✓ With this development, India has joined the league of limited global engine developers to have the manufacturing capabilities of such critical aero-engine components.

AY4.2

- ✓ Israel detected first case of covid-19 Delta variant AY4.2.

- ✓ AY.4.2, which some are calling "Delta Plus", contains mutation that might give the virus the survival advantages.

First radio signals

- ✓ In a major discovery, astronomers have for the first time detected stars that are blasting radio signals hinting at the presence of hidden planets around them.
- ✓ The signals are picked up using the world's most powerful radio antenna, the Low-Frequency Array (LOFAR) situated in the Netherlands.
- ✓ The signals were detected by Dr Benjamin Pope from the University of Queensland.

Lucy Spacecraft

- ✓ NASA launched the first-of-its-kind mission to study the Trojan asteroids of Jupiter.
- ✓ The space probe is called Lucy.
- ✓ Lucy mission is a 12-year expedition that will study a record number of asteroids.

Indian Ocean Dipole - prediction

- ✓ A new study from the University of Hyderabad (UoH) claims to have found out decadal prediction skills for the Indian Ocean Dipole (IOD) to enable monsoon forecast for the next 5-10 years in advance.
- ✓ It was found that the two models show significant prediction skills for up to 10 years.

Lyocell Fibre

- ✓ The Lenzing Group has partnered with Italy's Orange Fiber to create the lyocell fibre made from orange peels.
- ✓ The Lyocell Fibre is a semi-synthetic fabric that is commonly used as a substitute for cotton or silk.
- ✓ Orange Fibre could help to put citrus waste to use.

New server chip

- ✓ Alibaba Group Holding Limited has launched a new server chip on the basis of advanced 5-nanometer technology.
- ✓ This marks a milestone in light of the semiconductor self-sufficiency of China.
- ✓ The newest chip was launched on the basis of micro-architecture provided by SoftBank Group Corporation.

Gamma-ray Telescope

- ✓ US space agency nASA has selected A new Space Telescope proposal to study the recent history of star birth, star death, and the formation of chemical elements in the Milky Way.
- ✓ The Gamma-ray telescope called the Compton spectrometer and Imager (COSI), is expected to launch in 2025.
- ✓ The mission will also from the mysterious origin of our galaxies positrons, also known as antielectrons.

Pig-to-human kidney transplants

- ✓ For the first time, US Medical surgeons successfully attached a kidney from a genetically modified pig to a human patient.
- ✓ Scientists got the kidney from a pig genetically engineered so that it wouldn't produce a sugar called alpha-gal.
- ✓ Alpha-gal attacks the human immune system and would trigger the body to reject the organ.
- ✓ The recipient's body didn't immediately reject the kidney.
- ✓ And the kidney functioned normally for the hours it was attached.

"Harrowing" days

- ✓ NASA's newest space telescope will face 29 "harrowing" days after the launch.
- ✓ This is because it makes its way to a deep-space destination nearly 1 million miles (1.6 million km) from the Earth.

Solid fuel carrier rocket

- ✓ China successfully launched an optical Remote Sensing Satellite from a low cost small, solid fuel carrier rocket named Kuaizhou-1A (KZ-1A).
- ✓ Jilin-1 Gaofen 02F is an optical Remote Sensing satellite that can provide high-resolution images and high-speed data transmission.

Exoplanet

- ✓ Astronomers have found hints of what could be the first planets ever to be discovered outside the Galaxy.
- ✓ The possible Saturn planet discovered by NASA Chandra x-ray telescope is in the Messier 51 Galaxy.

Prostate cancer

- ✓ Researches on IIT Kanpur have discovered that a particular gene (DLX1) has an important role to play in the growth and development of prostate cancer.
- ✓ It plays an important role in the development of Jaws, skeleton and interneuron in the brain.

ECONOMY

IOB out of RBI PCA Framework

- ✓ The Reserve Bank of India has announced the removal of Prompt Corrective Action (PCA) restrictions on Indian Overseas Bank (IOB).
- ✓ This is done after its financial and credit profile improved.
- ✓ This decision provides lender more freedom to lend, especially to corporations and grow the network.
- ✓ IOB was placed under PCA in October 2015 because of high Net-Performing Assets and negative Return on Assets.
- ✓ It was stopped from increasing risk-weighted assets.

- ✓ It is to recommend an approach towards the development of the Sustainable Finance Hub at International Financial Services Centres.
- ✓ The expert committee will be chaired by C.K. Mishra.
- ✓ C.K. Mishra is the Former Secretary to Government of India, Ministry of Environment, Forest & Climate Change.
- ✓ The committee consists of a total of 10 members including the chairperson and the member secretary.

National Asset Reconstruction Company

- ✓ The Reserve Bank of India (RBI) granted the licence to the Rs 6,000 crore National Asset Reconstruction Company Ltd. (NARCL).
- ✓ This move will help in starting operations of the bad bank.
- ✓ The NARCL was incorporated in Mumbai in July 2021 after registration with the Registrar of Companies (RoC).
- ✓ The Indian Banks Association has been entrusted with the task to set up the bad bank.

Global FinTech Festival 2021

- ✓ India hosted the 2nd edition of Global FinTech Festival (GFF) 2021.
- ✓ The theme for this year is ‘FinTech: Empowering a Global Digital Economy’.
- ✓ GFF 2021 is organised by the National Payments Corporation of India (NPCI) and Fintech Convergence

Council (FCC) and the Internet and Mobile Association of India (IAMAI) along with the Payments Council of India (PCI).

Tax Inspectors Without Borders

- ✓ The Tax Inspectors Without Borders has launched its programme in Seychelles.
- ✓ India has been chosen as the Partner Administration for this programme.
- ✓ The country will be providing its Tax Expert in support of the initiative.

Crypto Industry in India

- ✓ The Crypto tech industry is expected to reach \$241 million in India by 2030 and \$2.3 billion by 2026 globally.
- ✓ This is according to a report by Nasscom titled 'Crypto Industry in India' in association with WazirX.
- ✓ According to the report, more than 60% of states in India emerging as crypto tech adopters.
- ✓ The market has the potential to create more than 800,000 jobs by 2030.

World Investor Week

- ✓ The International Organization of Securities Commissions (IOSCO) launches its fifth annual World Investor Week (WIW) from 4 to 10 October 2021.
- ✓ This is an initiative promoted by the IOSCO.

- ✓ This is to raise awareness about the importance of investor education and protection and highlight the various initiatives of securities regulators in these two critical areas.
- ✓ The key messages of the IOSCO WIW campaign in 2021 will be based on two themes.
- ✓ They are,
 - ✚ Sustainable finance and
 - ✚ Frauds and scams prevention.

Monetary Policy Committee Announcements

- ✓ The three-membered Monetary Policy Committee (MPC) of the Reserve Bank of India (RBI) maintained an accommodative stance and kept the repo rate unchanged at 4 per cent.
- ✓ This is in order to revive & sustain growth and reduce the impact of the Covid19 pandemic.
- ✓ The monetary Policy Committee has also ensured that inflation remains within the target.
- ✓ The reverse repo rate was also kept as earlier at 3.35 per cent.
- ✓ Marginal Standing Facility (MSF) rate and bank rate also remain unchanged at 4.25 per cent.
- ✓ This was the eighth consecutive time that RBI has maintained a status quo on policy rate.

IndusInd Bank

- ✓ IndusInd Bank has been authorised by the Reserve Bank of India (RBI) for the collection of Direct and Indirect Taxes, on behalf of the Central Board of Direct Taxes (CBDT) and the Central Board of Indirect Taxes and Customs (CBIC).
- ✓ With this, its customers will be able to pay their Direct and Indirect taxes through 'Indusnet' and 'Indusmobile' platforms.

Kotak Mahindra Bank - Micro ATMs

- ✓ The private lender Kotak Mahindra Bank Ltd has announced the launch of Micro ATMs across the country.
- ✓ The Customers of all banks who possess a debit card can use a Kotak Micro ATM for key banking services such as cash withdrawals and checking account balances.
- ✓ A mini version of an ATM, micro ATMs are small handheld devices.
- ✓ The bank will use its extensive Business Correspondents (BC) network to launch micro ATMs.

India's first social Crypto token

- ✓ Social token app, Chingari unveiled its first ever Crypto token, '\$GARI' in Mumbai.
- ✓ Chingari claims to be the first social network in India to have issued Crypto token.

- ✓ \$GARI aims to transform the creative ecosystem by enabling creators to set up their E-Commerce space.

Karur Vysya Bank to collect Direct taxes

- ✓ The Reserve Bank of India has authorised Karur Vysya Bank (KVB) to collect direct taxes on behalf of the Central Board of Direct Taxes (CBDT).
- ✓ After obtaining the approval, KVB has started the integration process with the CBDT to collect direct taxes.
- ✓ The integration would enable the bank to allow its customers to remit the direct taxes through any branch/net banking/ mobile banking services (DLite Mobile application).

\$5 trillion economy

- ✓ India will become a USD 5 trillion economy by 2024-25 and a USD 10 trillion by 2030.
- ✓ He was speaking at the Public Affairs of India's 8th National Forum.
- ✓ He also informed that India will become a USD 10 trillion economies by 2030.

Cryptocurrency Ownership - Report

- ✓ The Internet users in Nigeria have the world's highest rates of cryptocurrency ownership.
- ✓ It is followed by Malaysia and Australia.

- ✓ These findings are according to data by comparison firm Finder.
- ✓ Japan ranked lowest in the list.
- ✓ India secured 7th place.
- ✓ About 57% of Indians who own cryptocurrency have invested in Bitcoin, according to the Cryptocurrency Adoption Index 2021.

AIIB - Annual Meeting

- ✓ The Union Minister of Finance & Corporate Affairs Nirmala Sitharaman has participated in the 6th Annual Meeting of the Board of Governors of Asian Infrastructure Investment Bank.
- ✓ The theme of the Annual Meeting of AIIB was “Investing Today and Transforming Tomorrow”.
- ✓ This year, the meeting was jointly organized by AIIB in collaboration with the Government of the United Arab Emirates (UAE).
- ✓ The basic objective of the annual meet is to take key decisions on important matters relating to AIIB, and its future vision.
- ✓ The Finance Minister of India shared her thoughts on the theme “COVID-19 Crisis and Post-COVID Support”.

ENVIRONMENT

Two new species of Dinosaurs

- ✓ A group of scientists have discovered two new species of Predatory Dinosaurs that had crocodile like skulls.
- ✓ They were discovered in England's Isle of Wight.
- ✓ The species are Ceratosuchops inferodios and Riparovenator milnerae.
- ✓ The bones are believed to be at least one twenty five million years old.

August 2021 - warmest month

- ✓ August 2021 was the 6th warmest month in 142 years.
- ✓ This is as per the National Oceanic and Atmospheric Administration's National Centre for Environmental Information analysis at the USA.
- ✓ The year 2021 was also the 2nd hottest summer on record in Northern Hemisphere.
- ✓ The year 2020 witnessed the hottest summer on record in the Northern Hemisphere.

Parliament of Denmark

- ✓ The parliament of Denmark has approved a plan to reduce greenhouse gas emissions (GHG) in the agriculture and forestry sectors by 55 and 65 per cent respectively by 2030.

The State of Climate Services 2021: Water report

- ✓ The World Meteorological Organization (WMO) released this report.
- ✓ According to WHO, climate change increases the risk of water-related hazards such as floods and droughts.
- ✓ The Climate change will also increase the number of people affected by water scarcity.
- ✓ The report also notes that this situation is worsening as only 0.5 per cent of the water on the Earth is useable and available freshwater.

CAF range countries Meeting

- ✓ A virtual two-day Central Asian Flyway (CAF) range countries' meeting was held recently.
- ✓ A flyway is a geographical region within which a single or a group of migratory species completes its annual cycle.
- ✓ The annual cycle includes breeding, moulting, staging and non-breeding.
- ✓ The Central Asian Flyway (CAF) covers a large area of Eurasia between the Arctic and Indian Oceans.
- ✓ Including India, there are 30 countries under the Central Asian Flyway.

Cyclone shaheen

- ✓ Cyclones Gulab and Shaheen were two consecutive tropical cyclones that caused considerable damage to South and West Asia.

- ✓ Gulab impacted the eastern India.
- ✓ Shaheen impacted Pakistan, Iran, Oman and the United Arab Emirates.
- ✓ Gulab was the third named storm of the 2021 North Indian Ocean cyclone season.
- ✓ Gulab's origins can be traced back to a low-pressure area situated over the Bay of Bengal.
- ✓ Gulab made landfall in India's Andhra Pradesh.
- ✓ The system continued moving westward, emerging into the Arabian Sea.
- ✓ The system got restrengthened into a Cyclonic Storm.
- ✓ The IMD named it as Shaheen.
- ✓ The system gradually strengthened as it entered the Gulf of Oman.
- ✓ It made an extremely rare landfall in Oman as a Category 1-equivalent cyclone.
- ✓ The name Gulab, suggested by Pakistan, means rose in Urdu/Hindi.
- ✓ The name Shaheen, provided by Qatar, means falcon in Arabic.

Global Coral Reef Monitoring Network

- ✓ The Global Coral Reef Monitoring Network (GCRMN) has released a report on the status of coral reefs across the world.
- ✓ The report, the first of its kind in 13 years, underlined the catastrophic consequences of global warming.

- ✓ In the last decade, the world lost about 14 per cent of its coral reefs.
- ✓ Coral bleaching events caused by rising in elevated sea surface temperatures (SST) were responsible for the coral loss.
- ✓ There has been a steady decrease in hard coral cover.
- ✓ Hard coral cover is an indicator of coral reef health.
- ✓ Algal bloom on coral ridges are a sign of stress on the structures.
- ✓ Since 2010, the amount of algae on the world's coral reefs has increased by about 20 per cent.

Ecological threats

- ✓ The Bangladesh is one of the region's most vulnerable to ecological threats, as per a report.
- ✓ The country was Rank 163rd among 178 countries in the second Ecological Threat Report.
- ✓ Afghanistan has the highest overall score in the report and ranked lowest 178th.

Emissions related to Crop Burning

- ✓ The Climate tech start-up, Blue Sky Analytics, published its report on emissions related to crop burning.
- ✓ In the report, India has been ranked at the top position.
- ✓ As per the report, India accounted for 13 per cent of total global emissions in the period of 2015-2020.

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- ✓ The report notes a 12.2 per cent contribution by India towards the cropland fire emissions in 2020 alone.

National Intelligence Estimate (NIE) on climate

- ✓ The United States categorised India as a ‘country of concern’ on climate.
- ✓ This was mentioned in its report called “National Intelligence Estimate on climate”.
- ✓ This was the first-ever kind of report on climate.
- ✓ It was put together by the US Office of the Director of National Intelligence.

Lancet Countdown on Health and Climate Change

- ✓ India is one of the five countries in the world whose vulnerable populations had the most exposure to extreme heat over the past five years.
- ✓ India has become 15% more vulnerable to extremes of heat than in 1990.
- ✓ These observations are from the report 'Lancet Countdown on Health and Climate Change'.
- ✓ This is a flagship report of the medical journal, the Lancet.

Saudi Green Initiative forum

- ✓ The Saudi Crown Prince Mohammed bin Salman has opened this forum in Riyadh.
- ✓ The Crown prince also announced the accession of Saudi Arabia to the Global Methane Pledge.

- ✓ It is the world's top oil exporter.
- ✓ It aims to reach "net zero" emissions of greenhouse gases by 2060, 10 years later than the United States.
- ✓ The United States, the world's second-biggest emitter, is committed to achieve the net zero by 2050.
- ✓ But China and India, the world's biggest and third-biggest emitters, have not committed to this timeline.
- ✓ The net zero means that it emits no more greenhouse gases than it can capture or absorb.

State of the Climate in Asia 2020

- ✓ India has suffered an average annual loss (AAL) of around 87 billion USD due to tropical cyclones, floods and droughts.
- ✓ This is according to the State of the Climate in Asia 2020.
- ✓ This first of its kind multi-agency report was published by the World Meteorological Organization (WMO).
- ✓ China experienced the highest ALL.
- ✓ It is followed by India and Japan.
- ✓ The highest AAL was associated with drought.
- ✓ Also, Cyclone Amphan hit the Sundarbans region between India and Bangladesh in May 2020 displacing 2.4 million people in India and 2.5 million people in Bangladesh.

Global Climate Tech Investment trend

- ✓ India ranked 9th in the list of top 10 countries for climate technology investment from 2016 to 2021.

- ✓ This is in accordance with the report ‘Five years on: Global climate tech investment trends since the Paris Agreement’ by London & Partners, and Co.
- ✓ Indian climate tech firms received USD 1 billion in venture capital (VC) funding in this period.
- ✓ The list has been topped by the United States which is followed by China.

NAVY

AUSINDEX - 4th iteration

- ✓ India and Australia participated in the 4th iteration of the biennial maritime series AUSINDEX in Australian waters.
- ✓ AUSINDEX began as a bilateral maritime exercise in 2015.
- ✓ The 3rd iteration of AUSINDEX was held in 2019 in the Bay of Bengal.
- ✓ This 3rd iteration included anti-submarine drills for the first time.

Rakthamichtys mumba

- ✓ New species of blind freshwater eel has been by four scientists from the Zoological Survey of India (ZSI).
- ✓ Eel species was discovered from a well in Mumbai, Maharashtra.
- ✓ As per scientists, the eel is a blind freshwater hypogean.

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- ✓ This is the first such discovered species from Maharashtra and Northern western Ghats.
- ✓ The species has been named 'Rakthamichtys mumba' to pay tribute to the city it was found in.
- ✓ This is the 5th species from Rakthamictchys genus to have originated from India.

Mitra Shakti

- ✓ The 8th Edition of the "India Sri Lanka bilateral joint Exercise" will be conducted from October 4 to October 15, 2021.
- ✓ It will be conducted at Combat Training School, Ampara in Sri Lanka.
- ✓ The exercise is called Mitra Shakti.
- ✓ In the joint exercise, all arms contingent of 120 personnel from the Indian Army will participate along with the battalion of the Sri Lankan Army.
- ✓ 7th Edition of Exercise Mitra Shakti was conducted in the year 2019 at Foreign Training Node (FTN), Pune, Maharashtra.

JIMEX

- ✓ The fifth edition of India – Japan Maritime Bilateral Exercise JIMEX was held in the Arabian Sea.
- ✓ JIMEX series of exercises between the Indian Navy and the Japan Maritime Self-Defence Force is being held since 2012.

Ajeya Warrior

- ✓ India and UK kick started a two week military exercise "Ajeya Warrior" at Chaubatia in Uttarakhand.

Konkan Shakti

- ✓ The first- ever tri-services joint exercise named Konkan Shakti 2021 between India and UK.
- ✓ The maritime component of the exercise is being conducted of of India's west coast in two phases.

Zero net carbon emissions - 2050

- ✓ The Australian Cabinet is set to consider conditions that junior coalition partner of government has placed on committing to the target of zero net carbon emissions by 2050.
- ✓ This support is significant for Australia as Prime Minister Scott Morrison wants to take a more ambitious plan for reducing Australia's greenhouse gas emissions.
- ✓ This is in the backdrop of the UN summit in Glasgow, Scotland.

BOOKS AND AUTHORS

- ❖ Defence Minister Rajnath Singh launched the book titled "Veer Savarkar: The Man Who Could Have Prevented Partition". It was authored by Uday Mahurkar and Chirayu Pandit.

My Life in Full book

- ✓ In her book, My Life in Full: Work, Family and our Future, Indra Nooyi focuses on the importance that organisational support plays in working women's lives.
- ✓ The book was published by Hachette India.

Wole Soyinka's new book

- ✓ A novel titled "Chronicles from the Land of the Happiest People on Earth" authored by Wole Soyinka has been released.
- ✓ Wole Soyinka is Africa's first Nobel laureate in Literature.
- ✓ He wrote his last novel "Season of Anomy" in 1973.

Rajnish Kumar new book

- ✓ "The Custodian of Trust", memoirs of Rajnish Kumar, former chairman of State Bank of India will be launched.
- ✓ Kumar through book share his journey as a Banker from being a probationary officer in SBI to becoming its chairman in 2017.

Kallikkaatu Ithikasam

- ✓ Poet Vairamuthu's Sahitya Academy award-winning novel Kallikkaatu Ithikasam is being translated into 22 Indian languages.
- ✓ The translation is being done by Sahitya Academy.

- ✓ The story portrays the suffering of 14 villages displaced during the construction of the Vaigai Dam.

Divya Dutta's new look

- ✓ National award winning actress Divya Dutta will come up with her new book titled 'Stars In My Sky'.
- ✓ She turned an author in 2017 with her memoir 'Me and Ma'.

Jaithirth Rao's new book

- ✓ The Indian Entrepreneur and writer Jaithirth Rao have come out with a book on Mahatma Gandhi.
- ✓ He is popularly known as Jerry Rao.
- ✓ It is titled as “Economist Gandhi: The Roots and the Relevance of the Political Economy of the Mahatma”.
- ✓ Jaithirth Rao is the founder and former CEO of the software company Mphasis.

NITI Aayog- UNDP Handbook

- ✓ NITI Aayog vice chairman Rajiv Kumar has launched the NITI Aayog - United Nations Development Programme Handbook on Sustainable Urban Plastic Waste Management in New Delhi.
- ✓ It provides a comprehensive overview of managing plastic waste by presenting and discussing components of the entire plastic waste value chain.

Amitav Ghosh's new book

- ✓ Writer Amitav Ghosh has come up with his new book titled "The Nutmeg's Curse: Parables for a planet in Crisis".
- ✓ He is a Padma Shri and Sahitya Academy Awardee.
- ✓ The Other books written by the author include, "Shadow Lines", "The Glass Palace", "The Hungry Tide", "Gun Island", "Sea of Poppies", "River of Smoke" etc.

Gulzar's new book

- ✓ Poet lyricist gulzar has come up with his new book titled "Actually... I met Them: A Memoir".

Shafey Kidwai's new book

- ✓ Shafey Kidwai has come up with his new book titled " Sir Syed Ahmed Khan: Reason, Religion and Nation".
- ✓ The book about Sir Syed Ahmad Khan, who is the founder of Mohammedan Anglo Oriental college and later became Aligarh Muslim University.
- ✓ 17th October 2021 marked the 204th birth anniversary of Sir Syed Khan.

Venkataraman Subha Srinivasan - new book

- ✓ The book titled 'The Origin Story of India's States' is written by Venkataraman Subha Srinivasan.
- ✓ It is published by Penguin Random House India (PRHI).

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Govt. Job is Not Anymore A Dream!

- ✓ It is a story about the birth of India's 28 states and 8 union territories and their continuous changes.
- ✓ Venkataraghavan Subha Srinivasan is a writer, actor and strategy consultant from Bengaluru, Karnataka.
- ✓ This is his first non-fiction book.

SPORTS

T20 World Cup Anthem

- ✓ The International Cricket Council has launched the official anthem of the upcoming T20 World Cup.
- ✓ It was launched along with a campaign film featuring 'avatars' of Indian batting maestro Virat Kohli and West Indies skipper Kieron Pollard.
- ✓ The song is composed by Bollywood music director Amit Trivedi.
- ✓ The tournament will begin on October 17 in Oman and UAE, with the final to be played in Dubai on November 14.

Naamya Kapoor

- ✓ India's Shooter Nammya Kapoor clinched the gold medal in the women's 25 metre air pistol event of the ISSF junior world championship in Lima, Peru.

Rohit Sharma

- ✓ Rohit Sharma, refreshing Mumbai Indians became the first batter to score 1000 runs against one team in the IPL.

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- ✓ Achieved the feat during his match against Kolkata Knight Riders in an IPL.

World Women chess championship

- ✓ India clinched a silver medal at world women's Chess Championship.
- ✓ It was India's first ever medal in the world team Chess Championship.

Aishwary Tomar

- ✓ Shooter Aishwary Pratap Singh Tomar smashed the world record in the final to win gold in the men's 50m rifle 3 positions event at the ISSF junior world championships.

Pink ball test

- ✓ Smriti Mandhana reached a new milestone as she became the first Indian woman to score Test hundred in pink Ball cricket.
- ✓ This century was also the first in the career of Mandhana.
- ✓ Earlier, Virat had become the first Indian cricketer in the men's game to have scored a hundred in pink-ball test.

Durand Cup

- ✓ The FC Goa beat Mohammedan Sporting to win their maiden Durand Cup football title, 1-0, in the final.
- ✓ The game was held at Vivekananda Yuba Bharati Krirangan, Kolkata.

- ✓ The 2021 Durand Cup was the 130th edition of the Durand Cup.
- ✓ This is the oldest football tournament in Asia.
- ✓ The tournament was held in West Bengal.

Asian Table Tennis Championship

- ✓ The Indian men's table tennis team has won a bronze medal at the Asian Table Tennis Championship.
- ✓ Indian team won bronze after losing to South Korea by 0-3 in the semi-finals.
- ✓ The team was assured of winning a medal after beating Iran by 3-1 in the quarterfinals.
- ✓ Both the semi-finalists won a bronze medal.

Hockey Stars Awards 2020-21

- ✓ Gurjit Kaur won the FIH Women's Hockey Player of the Year at the International Hockey Federation's (FIH) Hockey Stars Awards 2020-21.
- ✓ Harmanpreet Singh won the FIH Men's Hockey Player of the Year.

2024 European Championship logo

- ✓ Germany has unveiled the logo for soccer's 2024 European Championship.
- ✓ The logo features an outline of the Henri Delaunay Cup.

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Govt. Job is Not Anymore A Dream!

- ✓ 24 slices around the trophy are to represent the 24 teams that will ultimately qualify for the tournament in Germany.

ISSF Junior Championships

- ✓ Young Indian shooter, Aishwary Pratap Singh Tomar smashed the world record in the final to win gold in the men's 50m rifle 3 positions event at the ISSF Junior World Championships.
- ✓ International Shooting Sport Federation (IISF) Junior World Championships was held in Lima, Peru.

FIH Stars Awards

- ✓ Indian hockey players swept the 2020-21 edition of the FIH Stars Awards.
- ✓ The following are the winners of the given categories.
 - ✚ Goalkeeper of the Year: PR Sreejesh (men) and Savita Punia (women)
 - ✚ Rising Star of the Year: Vivek Sagar Prasad (men) and Sharmila Devi (women)
 - ✚ Coach of the Year: Graham Reid (men) and Sjoerd Marijne (women).

Men's world Boxing championships

- ✓ Asian medal winners such as Shiva Thapa (63.5kg), Deepak Kumar (51kg) and Sanjeet (92kg) are to participate in the men's world Boxing championships.

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Govt. Job is Not Anymore A Dream!

- ✓ It is to be held in Belgrade, Serbia.
- ✓ Shiva Thapa, Sanjeet and Rohit qualify for Boxing World Championships after winning gold medals at Nationals.

Anshu Malik

- ✓ Indian wrestler Anshu Malik created history as she became the first Indian women finalist at the World Championship.
- ✓ She is also the first female player from India to claim a silver medal at the 2021 World Wrestling Championships.
- ✓ She won in a 57 kg freestyle bout.
- ✓ Helen Lousie Maroulis of the United States won the gold medal.

2021 World Wrestling Championships

- ✓ Sarita Mor claimed her maiden medal by winning bronze in the 59 kg category at the 2021 World Wrestling Championships.
- ✓ It was held at Oslo, Norway.

Sunil Chhetri

- ✓ Sunil Chhetri has equalled the legendary Pele by making the 77th international goal.
- ✓ 77th goal by Chhetri during the strike helped India to beat Nepal by 1-0.
- ✓ This achievement was made by Chhetri while playing in his 123rd match for India.

- ✓ He is now placed on joint third with Ali Mabkhout from UAE, in the list of highest scorers among active footballers.
- ✓ He is behind Cristiano Ronaldo with 112 goals and Lionel Messi with 79 goals.

World's youngest ODI Centurion

- ✓ Ireland's Amy Hunter became the youngest player to score an ODI century.

Official Mascot

- ✓ FIFA unveiled the official mascot of the U-17 Women's World Cup India 2022.
- ✓ The Mascot is is Ibha, initiate appliances that represents women power.
- ✓ Ibha aims to inspire girls and women around the world to work up to their full potential.

Uber Cup Finals

- ✓ The Indian Women's Badminton team win against Spain in 2020 Uber Cup Finals.

MS Dhoni

- ✓ Mahendra Singh Dhoni became the first player in world cricket to captain a team in 300 T20 games.
- ✓ Second on the list in Darren Sammy, who has led a team in 208 games for West Indies.

2022 Women's Asia Cup

- ✓ The official tagline of the 2022 Women's Asia Cup is Our Goal for All.
- ✓ It was unveiled by the Asian Football Confederation (AFC) and the Local Organizing Committee (LOC).

Junior World Championship - Indian Shooters

- ✓ The 2021 International Shooting Sport Federation (ISSF) Junior World Championship Rifle/Pistol/Shotgun was held at Lima in Peru.
- ✓ The Indian shooters claimed a historic win with 43 medals to stand atop the medal table.
- ✓ These included 17 Gold, 16 Silver and 10 Bronze medals.
- ✓ The USA finished second on the medal table with 21 medals including six gold, eight silver and six bronze.

India's 21st Woman Chess Grand Master

- ✓ Fifteen-year-old Divya Deshmukh became India's 21st Woman Chess Grand Master.
- ✓ She achieved this feat at First Saturday Grand Master in Budapest, Hungary.

Charlellville National Competition

- ✓ Fencer Bhavani Devi, who made history at the Tokyo Olympics by becoming the first Indian to compete in the sport at the games, has won the Charlellville National Competition in France.

Team India's head coach

- ✓ The Former Indian batter, Rahul Dravid has been appointed as Team India's head coach.
- ✓ He will be succeeding Ravi Shastri.

IPL 2021

- ✓ Chennai Super Kings has defeated Kolkata Knight Riders in the finals to win the 2021 Indian Premier League title.
- ✓ This was the 14th edition of IPL.
- ✓ Harshal Patel (RCB) is awarded the Player of the Tournament.
- ✓ This was the 4th win of Chennai Super Kings in IPL.
- ✓ They had previously won the tournament in 2010, 2011, and 2018.
- ✓ Mumbai Indians team has won the IPL title highest number of times (5 times).

SAFF Championship

- ✓ India beat Nepal, 3-0, to win the 2021 SAFF (South Asian Football Federation) Championship final title.
- ✓ It was held at the National Football Stadium in Male, Maldives.
- ✓ This is the eighth SAFF Championship title claimed by the Indian men's national football team.
- ✓ Previously the team had won the title in 1993, 1997, 1999, 2005, 2009, 2011, 2015.

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- ✓ Sunil Chhetri, Suresh Singh Wangjam and Sahal Abdul Samad were the goal scorer for the Indian team in the final.
- ✓ Sunil Chhetri (Captain) is the top scorer in the championship (5 goals).
- ✓ Sunil Chhetri scored his 80th international strike at the championship.
- ✓ He had equalled his score with iconic Lionel Messi.
- ✓ He has now become the second-highest goal-scorer in international football among active players.

FIFA rankings

- ✓ India has moved one spot ahead to the 106th position after the Sunil Chhetri lead side won the SAFF Championship.
- ✓ Brazil remind second but is breathing down the neck of Belgium, just 12 points behind.

Julius Baer Challengers Chess Tour

- ✓ R. Praggnanandhaa beat American talent Christopher Yoo to win the Julius Baer Challengers Chess Tour.

International Olympic Committee

- ✓ The International Olympic Committee has announced that it will cut its direct and indirect Greenhouse gas emissions by 50% by 2030.
- ✓ The initiative is part of its commitment to tackle climate change.

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World's biggest cricket bat

- ✓ Former Indian captain and now Hyderabad Cricket Association president Mohd Azharuddin has unveiled the biggest cricket bat.
- ✓ It is designed by Pernod Ricard India (P) Ltd.
- ✓ The bat measures 56.10 feet, weighs 9-tonnes and is made of poplar wood.
- ✓ This was to convey best wishes to the Indian cricket team and bring back the T20 World Cup in Dubai.

World kickboxing Championship

- ✓ Srinagar's Taijul Islam one a gold medal in the under-14 category of the world kickboxing Championship that was held in Cairo, Egypt.

AWARDS AND HONOURS

Right Livelihood Award 2021

- ✓ The award honours and supports people in solving global problems.
- ✓ The Right Livelihood Award 2021 was conferred to Delhi-based environmental organisation “Legal Initiative for Forest and Environment (LIFE)”.
- ✓ This award is also known as “Sweden’s alternative Nobel Prize”.
- ✓ LIFE has received the award for its “grassroots approach to empower vulnerable communities in protecting their

livelihoods and claiming their right for a clean environment.”

- ✓ Other awardees include,
 - ✚ Marthe Wandou,
 - ✚ Vladimir Slivyak and
 - ✚ Freda Huson.

Champions of change award

- ✓ Ssarita singh has been awarded the champions of change award by the interactive forum of Indian Economy.
- ✓ The award has been presented for the outstanding contribution in the education sector.

Vayoshreshtha Samman National Award

- ✓ The Vice-President M. Venkaiah Naidu presented the Vayoshreshtha Samman National Award to senior geriatrician V.S. Natarajan.
- ✓ The recipient of the award has been taking various initiatives through his enterprise (Dr V S Natarajan Geriatric Foundation) for the healthy welfare of the elders.

India Today healthgiri awards 2021

- ✓ The India Today health Giri awards 2021 were presented in Delhi on Gandhi Jayanti to salute the spirit of corona Warriors who have let the battle against the covid-19 pandemic.

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- ✓ Lok Nayak Hospital, dell he was awarded the best government hospital combating covid-19.
- ✓ Karnataka was awarded best state combating covid-19.
- ✓ Gujarat and Kerala received best vaccination drive by a state.

Lokapriya Gopinath Bordoloi Award

- ✓ The “Lokapriya Gopinath Bordoloi Award for National Integration and National Contribution 2021” was conferred by Vice President M. Venkaiah Naidu.
- ✓ Awards were conferred to “Shillong Chamber Choir”, Assam branch of Kasturba Gandhi National Memorial Trust as well as writer Nirod Kumar Baruah.
- ✓ This award is one of the biggest civilian awards in Assam.
- ✓ It carries a citation along with a cash prize of Rs 5 lakh.
- ✓ Award is conferred in the name of the first chief minister of Assam, Lokapriya Gopinath Bordoloi.

Semmozhi awards

- ✓ The Tamil Nadu state government announced Kalaignar M Karunanidhi Semmozhi Tamil awards presented by the Central Institute of Classical Tamil Research.
- ✓ It is presented for the years 2010 to 2019.
- ✓ Professor VS Rajam receives this award for the year 2010.
- ✓ Professor Pon Kothandaraman for the year 2011.
- ✓ Professor E Sundaramoorthy and Professor P Marudhanayagam for 2012 and 2013, respectively.

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- ✓ Professor K Mohanarasu and Professor Maraimalai Ilakkuvanaar for the years 2014 and 2015.
- ✓ Professor K Rajan and Professor Ulrich Nicholas for 2016 and 2017.
- ✓ Poet Erode Tamilanban and Professor K Sivamani for 2018 and 2019.

Guinness record

- ✓ 16 year-old Suchetha Sathish has achieved the Guinness record for singing in 120 languages.
- ✓ She had performed at an event held at Indian Consulate in Dubai.

Kaushalacharya Awards 2021

- ✓ The Union Education Minister and Skill Development Minister Dharmendra Pradhan virtually presented Kaushalacharya Awards 2021.
- ✓ The awards were given to 41 skill trainers for their exemplary contribution to the skill ecosystem.
- ✓ These 41 trainers are from several initiatives and training programmes of Skill India like Directorate General of Training (DGT), Apprenticeship, Pradhan Mantri Kaushal Vikas Yojana (PMKVY), Jan Shikshan Sansthan (JSS) and Entrepreneurship.

National Service Scheme Awards 2019-2020

- ✓ The President of India Ram Nath Kovind conferred the National Service Scheme (NSS) Awards for the year 2019-20.
- ✓ The main aim of the NSS awards is to recognize and reward outstanding contributions towards their voluntary service.
- ✓ The National Service Scheme Awards were instituted by the Ministry of Youth Affairs and Sports in 1993-94.
- ✓ It was instituted on the occasion of the Silver Jubilee Year of National Service Scheme.

Valayar Ramavarma Memorial Literary Award

- ✓ Writer Benyamin has been chosen for the Valayar Ramavarma Memorial Literary Award.
- ✓ His Manthalirile 20 Communist Varshangal fetched Benyamin the honour.

Karnataka Vikas Grameena Bank

- ✓ Karnataka Vikas Grameena Bank (KVGB), has bagged two national awards ('APY Big Believers' and 'Leadership capital') for significant enrolment under the Atal Pension Yojana (APY).
- ✓ It received the from the Pension Fund Regulatory and Development Authority (PFRDA).
- ✓ KVGB is sponsored by Canara Bank.

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- ✓ KVGB is playing a pivotal role in implementing all three social security schemes (PMJJBY, PMSBY and APY) launched by the Central government.

2021 Global Leadership Humanitarian Awards

- ✓ The US-India Business Council announced to present the 2021 Global Leadership Humanitarian Awards to CEOs of Accenture, IBM and Microsoft.
- ✓ This is in recognition of their strong leadership and contributions towards the Global Task Force on Pandemic Response.
- ✓ Julie Sweet, CEO and chair, Accenture; Arvind Krishna, chairman and CEO, IBM; and Brad Smith, president and vice-chair, Microsoft, would be presented the prestigious award during the India Ideas Summit.

Lal Bahadur Shastri National Award

- ✓ Vice president M Venkaiah Naidu presented the 22nd Lal Bahadur Shastri National Award for Excellence to Dr Randeep Guleria.
- ✓ Dr. Randeep Guleria is an eminent pulmonologist and director of the All India Institute of Medical Science.

Vayoshreshtha Samman

- ✓ Vice president presented the Vayoshreshtha Samman national Award to senior geriatrician V.S. Natarajan.

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- ✓ On October 1, world elders day every year by union Ministry Of Social justice and empowerment present this award to those who have remarkably served the elderly fraternity.

Aryabhata award

- ✓ Dr G Satheesh Reddy has been conferred the Aryabhata award by the Astronautical society of India.
- ✓ He has been awarded for his outstanding lifetime contribution to the promotion of astronautics in India.

Environmental awards

- ✓ National Mineral Development Corporation Limited has bagged Gold Award in the environmental Sustainability category.
- ✓ Kumaraswamy iron ore mine band platinum award in environment management category.
- ✓ NMDC is India's largest iron ore producer.

Satyajit Ray Award

- ✓ Telugu filmmaker B Gopal, alias Bejawada Gopal, has been chosen for the fourth Satyajit Ray Award.
- ✓ The award is instituted by the Satyajit Ray Film Society Kerala, a state-based organisation.

Harmony India award

- ✓ Veteran Artist Veer Munshi will get the the harmony India award 2021.

- ✓ 'Shrestha Samman' is being conferred upon famous Indian artist Veer Munshi and 3 others.

Vayalar Award

- ✓ The Malayalam writer Benyamin has bagged the 45th Vayalar Ramavarma Memorial Literary Award for his book "Manthilirile 20 Communist Varshangal".
- ✓ This award is instituted by the Vayalar Ramavarma Memorial Trust.

Global peace photo award

- ✓ A 7-year old girl from Bengaluru Aadhyaa Arvind has won global peace photo award (children speech image of the Year).
- ✓ She is the only Indian to have win this award.

Kerala state film awards

- ✓ The Jeo baby- director The Great Indian Kitchen has bagged the best film award.
- ✓ Anna Ben and Jayasurya won Best Actress and Best Actor awards at the 51st kerala state film awards.

Human rights prize

- ✓ In present Russian opposition leader Alexei Navalny was awarded the European Union's top Human Rights prize.
- ✓ In awarding the Sakharov Prize to Navalny, the European Parliament praised his "immense personal bravery".

C K Prahlad award

- ✓ Indian American Microsoft CEO, Satya Nadella has won the prestigious C K Prahlad award for Global Business Sustainability Leadership for the year 2021.
- ✓ Apart from Nadella, Microsoft's President and Vice-Chair Brad Smith, Chief financial officer Amy Hood and chief environment officer Lucas Joppa have shared the award for Global Business Sustainability Leadership.
- ✓ The four top Microsoft leaders have received the Award for their collaborative leadership to transform Microsoft into a carbon negative company by 2030 and remove all its historical emissions by 2050.

Curtis Campher

- ✓ Ireland pacer Curtis Campher became only the third bowler to claim four wickets in four balls in T20Is.
- ✓ This feat was achieved when Ireland beat the Netherlands in their first-round Group A T20 World Cup match.

Vegan leather initiative

- ✓ PETA India has decided to confer on Meghalaya Environment Minister James P K Sangma the Progressive Business Concept Award.
- ✓ This is for his plans to produce 'vegan leather' in the north eastern state.
- ✓ Sangma had recently announced that the Meghalaya government plans to produce leather using pineapples.

Cambrian Patrol Exercise

- ✓ A team from 5th Battalion, Gorkha Rifles (Frontier Force), representing the Indian Army won the gold medal at the prestigious Cambrian Patrol Exercise.
- ✓ This was held in the United Kingdom.

2021 Premio Planeta literary Prize

- ✓ One of the Spain's most popular crime writers, Cameron Mola, has 12021 Premio Planeta literary prize for a novel 'The Beast'.

Super Corona warrior award

- ✓ Former Karnataka Chief Minister BS Yeddyurappa was conferred with the 'Super Corona Warrior' award at Honnali near Davangere.

Eco Oscars

- ✓ An Indian Project, Takachar's Innovation, that recycles agricultural waste into fuel has won the "Prince William's inaugural Earthshot Prize".
- ✓ This Prize is also called as Eco Oscars.
- ✓ Eco Oscars honour people who are trying to save the planet Earth.
- ✓ This award is presented with the aim of providing assistance to and inspires innovative local solutions as the climate crisis is growing globally.
- ✓ Takachar's Innovation is led by Vidyut Mohan.

Earth Guardian Award

- ✓ The Parambikulam Tiger Conservation Foundation (PaTCoF) has won the “Earth Guardian Award”.
- ✓ The award is instituted by the NatWest Group.
- ✓ PaTCoF is a non-profit organisation under the forest department.
- ✓ It seeks to facilitate the conservation of tigers and biodiversity in the Parambikulam tiger reserve.
- ✓ Parambikulam Tiger Reserve is a protected area in the Palakkad district of Kerala.
- ✓ It was established in 1973.
- ✓ The sanctuary lies in the Sungam range of hills in between Anaimalai Hills and Nelliampathy Hills.

Green energy award

- ✓ TVS Motor Company has been recognised in the category 'Outstanding Renewable Energy User' at the third edition of the India Green Energy Award 2020 by the Indian Federation of Green Energy.
- ✓ It has been awarded as acknowledgment office sustainable efforts to increase the usage of alternative power sources in Renewable Energy to ensure your long-term energy security and stability.

Nobel Prize in Physiology

- ✓ The Nobel Prize in Physiology or Medicine 2021 was awarded jointly to David Julius and Ardem Patapoutian.

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- ✓ This is “for their discoveries of receptors for temperature and touch.”

Prani Mitra 2021

- ✓ S. Chinny Krishna has been conferred with the prestigious ‘Prani Mitra’ award for 2021 by the Animal Welfare Board of India.
- ✓ He is the co-founder of Blue Cross of India.
- ✓ This is awarded for his lifetime service to animals.
- ✓ Prani Mitra is the country’s highest award for animal welfare.

Lifetime Achievement Award

- ✓ The Indian American Scientist Dr. Vivek Lall was presented with the Lifetime Achievement Award at Ritossa Family Summits in Dubai recently.
- ✓ Dr. Lall is known for playing a key role in enhancing India-U.S. defence trade.

Martial Arts Education Prize 2021

- ✓ The Prestigious “Martial Arts Education Prize 2021” was conferred to the Kung Fu Nuns of the Drukpa order of Buddhism.
- ✓ The prize was given to them from the UNESCO International Centre for Martial Arts.

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- ✓ The Prize recognises the historic “acts of service and championing of gender equality in the Himalayas” by the Kung Fu Nuns.
- ✓ Through martial arts, Drukpa nuns empower young girls with defending themselves, taking leadership roles across their communities and building confidence.

Ms. International world 2021

- ✓ Dr Akshata Prabhu brings praise for India by emerging as a winner at Ms. International world 2021, gala event concluded in the USA.
- ✓ India won the first ever Ms. International world title.
- ✓ Dr Akshata Prabhu became the first Indian woman to achieve such a milestone.

Nobel Prize in Physics 2021

- ✓ Syukuro Manabe, Klaus Hasselmann, Giorgio Parisi jointly won the 2021 Nobel Prize in Physics.
- ✓ This is for their ground breaking contributions to our understanding of complex physical systems.
- ✓ The Nobel Prize in Physics is awarded by the Royal Swedish Academy of Sciences, Stockholm, Sweden.
- ✓ Syukuro Manabe (Princeton University, USA) and Klaus Hasselmann (Max Planck Institute for Meteorology, Hamburg, Germany) awarded for the physical modelling of Earth’s climate, quantifying variability and reliably predicting global warming”.

- ✓ Giorgio Parisi (Sapienza University of Rome, Italy) was awarded for the discovery of the interplay of disorder and fluctuations in physical systems from atomic to planetary scales.

Nobel Prize in Chemistry

- ✓ The Nobel Prize in Chemistry 2021 was awarded jointly to Benjamin List and David W.C. MacMillan.
- ✓ It is awarded “for the development of asymmetric organ catalysis.”

Nobel Prize in Literature 2021

- ✓ The Nobel Prize in Literature 2021 was awarded to Abdulrazak Gurnah of the United Kingdom.
- ✓ It is “for his uncompromising and compassionate penetration of the effects of colonialism and the fate of the refugee in the gulf between cultures and continents.”
- ✓ The Nobel Prize in literature is awarded by the Swedish Academy, Stockholm, Sweden.

2021 Nobel Peace Prize

- ✓ The Norwegian Nobel Committee has decided to award it to Maria Ressa and Dmitry Muratov.
- ✓ This is “for their efforts to safeguard freedom of expression, which is a precondition for democracy and lasting peace”.

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- ✓ Maria Ressa uses freedom of expression to expose abuse of power, use of violence and growing authoritarianism in the Philippines.
- ✓ Dmitry Muratov has for decades defended freedom of speech in Russia under increasingly challenging conditions.

Nobel Prize in Economic Sciences 2021

- ✓ The Royal Swedish Academy of Sciences has decided to award the Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel.
- ✓ It's one half is to given David Card (University of California of USA) “for his empirical contributions to labour economics”.
- ✓ The other half jointly to Joshua Angrist (Massachusetts Institute of Technology of USA) and Guido Imbens (Stanford University of USA) “for their methodological contributions to the analysis of causal relationships”.
- ✓ In 1968, Sveriges Riksbank (Sweden’s central bank) established the Prize in Economic Sciences in Memory of Alfred Nobel, founder of the Nobel Prize.
- ✓ The first Prize in Economic Sciences was awarded to Ragnar Frisch and Jan Tinbergen in 1969.

Kalaighar Porkizhi Award

- ✓ It is an annual literature award bestowed for Tamil and other language writers at book fair organized by the

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Booksellers and Publishers Association of South India (BAPASI) since 2008.

- ✓ Each award consists of 1 lakh rupee.
- ✓ The fund is managed by donation of 1 crore Rupee in 2007 by M. Karunanidhi.
- ✓ This year it was given to following members
 - ✚ Abi – Poem
 - ✚ Rajendra Cholan – Fiction
 - ✚ S Ramakrishnan – Dialogue
 - ✚ Veli Rangarajan – Drama
 - ✚ Marudha Nayagam – English
 - ✚ Nadith Sakiya – Other Indian Language (Kashmiri).

Dadasaheb Phalke Award

- ✓ Actor Rajinikanth was honoured with the prestigious 51st Dadasaheb Phalke Award.
- ✓ It was awarded at the 67th National Film Awards ceremony.
- ✓ This is for his contribution as an actor, producer and screenwriter.
- ✓ Instituted in 1969, the award is the highest honour for an artiste in Indian cinema.

67th National Film Awards for 2019

- ✓ Manoj Bajpayee, Kangana Ranaut and Dhanush were conferred with acting honours.

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- ✓ Best Feature Film award was given to Priyadarshan's Malayalam period epic named 'Marakkar: Lion of the Arabian Sea'.
- ✓ Best Hindi Film Award was presented to Chhichhore movie, starring the late Sushant Singh Rajput.
- ✓ Vijay Sethupathi and Pallavi Joshi won the supporting actor awards.

2022 Joseph A. Cushman Award

- ✓ Dr Rajiv Nigam has been selected for the 2022 Joseph A. Cushman Award for Excellence in Foraminiferal Research.
- ✓ He is the Former Chief Scientist at CSIR-National Institute of Oceanography.
- ✓ Dr Nigam is the first Indian Citizen to be selected for the prestigious award.
- ✓ He has been chosen for his outstanding lifetime contributions to the field of foraminifera (microfossil) research.

Peace Prize of the German Book Trade 2021

- ✓ The award has been awarded to the Zimbabwean author and filmmaker Tsitsi Dangarembga.
- ✓ Dangarembga is the first black woman to win the German Peace Prize.
- ✓ She has won the PEN Pinter prize 2021.

PERSONALITIES

Cartoonist Yesudasan

- ✓ Noted cartoonist Yesudasan passed away.
- ✓ He was the former chairman of the Kerala Lalit Kala Academy and the Founder chairman of Kerala cartoon Academy.

Brajesh Mishra

- ✓ Brijesh Chandra Mishra, India's most powerful principal secretary to a prime minister, fast Devi.
- ✓ Mishra was the first national security advisor and the principal secretary to the form of prime minister Atal Bihari Vajpayee.
- ✓ Vishnuvardhan son of former Madhya Pradesh Chief Minister Dwarka Prasad Mishra, who belong to the Congress.

First Hindu woman Civil Servant

- ✓ Dr Sana Ramachand Gulwani is set to become the first Hindu woman Civil Servant in Pakistan.

Road named after Tirupur Kumaran

- ✓ Tamil Nadu Chief Minister MK Stalin name the Erode in Erode district after late freedom fighter Tirupur Kumaran on the occasion of his birth anniversary.

First female Prime Minister

- ✓ Tunisia's president Kais Saied has named the geologist Najla Bouden Romdhane as the country's first ever female Prime Minister designate.

Daniel Craig

- ✓ James Bond star Daniel Craig has been honoured with a star on the Hollywood Walk of Fame in California.
- ✓ Craig started playing James Bond with 2006's "Casino Royale".
- ✓ Later he reprised the part in "Quantum of Solace" (2008), "Skyfall" (2012) and "Spectre" (2015).
- ✓ The movie "No Time To Die" marks his fifth and final appearance as James Bond.

Father of Pakistan nuclear program

- ✓ Abdul Qadeer Khan, regarded as the father of Pakistan's nuclear programme, passed away.
- ✓ The Pakistani atomic scientist is held as a national hero for making his country the world's first Islamic nuclear power.

Poet Piraisoodan

- ✓ Veteran lyricist and poet Piraisoodan has passed away recently.
- ✓ He was aged 65.

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- ✓ Piraisoodan made his debut as a lyricist with the 1985 film Sirai, directed by RC Sakthi.
- ✓ He was conferred the title Kavi Gnani by M.S.Viswanathan.
- ✓ He was also the secretary of the South Indian Writers Association.
- ✓ He had been chosen to be part of the panel to select the Indian film to be nominated for the Oscars recently.

Raja Chari

- ✓ Raja Chari is an Indian American Astronaut who will command NASA-SpaceX's Crew-3 Mission to the International Space Station.
- ✓ NASA-SpaceX's third mission will carry four astronauts - three NASA astronauts Raja Chari, Tom Marshburn, and Kayla Barron and one ESA astronaut Matthias Maurer.
- ✓ The Crew-3 mission will be SpaceX's fifth crewed flight to space and the fourth to the International Space Station.

Asia's richest person

- ✓ Mukesh Ambani joined Jeff Bezos and Elon Musk in the world's most exclusive wealth club with a fortune of at least \$100 billion.
- ✓ He is Asia's richest person.

Actor Nedumudi Venu

- ✓ National Award-winning actor Nedumudi Venu has recently passed away.

- ✓ He won three National Film Awards, and six Kerala State Film Awards for his performances.
- ✓ Nedumudi Venu began his career as a theatre artist with the plays of Kavalam Narayana Panicker in Malayalam.
- ✓ He made his debut in films with Thambu, directed by G Aravindan in 1978.

Henrietta Lacks

- ✓ The Chief of the World Health Organisation honoured the late Henrietta Lacks with the Director-General award.
- ✓ She is an American woman whose cancer cells were taken without her knowledge during the 1950s.
- ✓ The cells provided the foundation for vast scientific inventions, including research about the coronavirus.
- ✓ The 'HeLa' cell line, derived from the first two letters of Henrietta Lacks, helped in the development of human papillomavirus (HPV) vaccines.

2022 Berlin International Film Festival

- ✓ Indian-American filmmaker M Night Shyamalan has been announced as the President of the international jury for the 2022 Berlin international film festival.
- ✓ Shyamalan this a known figure in Hollywood, courtesy his blockbuster thriller movies such as "The Sixth Sense", "Unbreakable", "Signs", etc.

Gita Gopinath

- ✓ The Chief Economist and Director of the Research Department of International Monetary Fund (IMF), Gita Gopinath, is set to leave her job in January 2022.
- ✓ She is the first-ever woman Chief Economist of the IMF.

William Shatner

- ✓ Actor William Shatner became the oldest person ever in space at the age of 90.
- ✓ He is the actor best known as the heroic Captain James T. Kirk in “Star Trek”
- ✓ He travelled the latest excursion over the West Texas desert in USA aboard a rocket built (New Shepard) by Blue Origin.

Anita Anand

- ✓ The Prime Minister of Canada Justin Trudeau reshuffled his cabinet.
- ✓ He has appointed Indian-origin Canadian politician Anita Anand as the new Defence Minister of Canada.
- ✓ Anita Anand (54-year-old) will replace Indian-origin Harjit Sajjan.

Tedros Adhanom

- ✓ The World Health Organisation, informed that its director general, Tedros Adhanom Ghebreyesus, is running an opposed for a second five year term.

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- ✓ Tedros, an Ethiopian national, is the first African to head the WHO.

101st birth anniversary of K R Narayanan

- ✓ 10th president of India KR Narayanan's 101st birth anniversary was observed on 27 October 2021.
- ✓ Elected as the 9th vice president in 1992, Narayanan went on to become the president in 1997.
- ✓ He was also the first member of the Dalit community to hold this post.
- ✓ Kocheril Raman Narayanan was born in 1920 in Kerala and passed away in 2005.

Tallest living woman

- ✓ Rumeysa Gelgi from Turkey is the tallest living woman in the world.
- ✓ The 24-year-old's height is 7 feet and 0.7 inch.
- ✓ Her condition is due to a disorder called Weaver syndrome.

APPOINTMENTS

Director-General of the National Cadet Corps (NCC)

- ✓ Lieutenant General Gurbirpal Singh has taken charge as the 34th Director-General of the National Cadet Corps (NCC).
- ✓ He succeeds Lt Gen Tarun Kumar Aich.

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- ✓ He was commissioned into the PARACHUTE REGIMENT in 1987.

Women chief secretary

- ✓ Meghalaya government has appointed his first ever native female Chief Secretary.
- ✓ Ms. Rebecca Vanessa Suchiang, taken over as the chief secretary.
- ✓ PP Trivedi was the first woman chief secretary of Meghalaya in late 80s.

Sujata Chaturvedi

- ✓ Sujata Chaturvedi new sports secretary from the outgoing Ravi Mittal.
- ✓ During the tenure of Ravi Mittal, India recorded its best-ever performances in Tokyo Olympics and the para Olympics 2020.

British High Commissioner to India

- ✓ Aditya Maheshwari from Rajasthan recently became the British High Commissioner to India for a day.
- ✓ She won the 'High Commissioner for the day' contest organised annually since 2017 to celebrate the International Day of the girl child on October 11.

TNOA

- ✓ Ishari Ganesh was elected president of Tamilnadu Olympic association (TNOA).

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- ✓ The educationist and sports administrator Ishari Ganesh has been the Vicepresident of TNOA for the last 15 years.
- ✓ He is the Chairman of the Vels Group of Institutions.
- ✓ He is also the president of Taekwondo Federation of India and Tamil Nadu Taekwondo Association.

Amit Khare

- ✓ Former IAS officer Amit Khare has been appointed as advisor to Prime Minister Narendra Modi.

Priyanka Kanoongo

- ✓ The central government has appointed Priyank Kanoongo as chairperson of the National Commission for Protection of Child Rights (NCPCR) for a period of 3 years.

Sajjan Jindal

- ✓ The World Steel Association (WSA) has elected Sajjan Jindal Chairman for the year 2021-22.
- ✓ Sajjan Jindal is the Chairman and Managing Director of JSW Steel Ltd.
- ✓ Jindal is the first representative from India to serve as Chairman of the WSA.

Chairman of Tamil Nadu Pollution Control Board

- ✓ The State government appointed A Udhayan as the new chairman of Tamil Nadu Pollution Control Board.

Best employer ranking 2021

- ✓ Reliance Industries Limited has topped Indian corporates in the World's Best Employers Ranking 2021.
- ✓ It was published by Forbes.
- ✓ Reliance was placed at 52 in the overall ranking of 750 Global corporates.
- ✓ The global ranking was topped by Samsung Electronics, followed by IBM, Microsoft, and Amazon.

Thales

- ✓ Thales, a French defence and Aerospace company will be investing 1.2 billion dollars over a period of 5 years in India's Drone space.
- ✓ A significant part of this investment will range from manufacturing to traffic management and countering rogue drones.

Debt burden of the world's low-income countries

- ✓ The World Bank warned of a significant 12% rise in the debt burden of the world's low-income countries.
- ✓ The World Bank's international Debt Statistics 2022 report showed a dramatic increase in the debt vulnerabilities faced in low and middle-income countries.

Forbes list of most influential South stars

- ✓ Actor rashmika mandanna top the list of most influential actor in the south, by Forbes India.

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- ✓ Yash stood at third while Vijay Devarakonda came second on the list.

Nebra Sky Disc

- ✓ The British Museum in London will display an ancient object called the Nebra Sky Disc.
- ✓ The 2,600-year-old "Nebra Sky Disc" is one of the oldest surviving representations of the Cosmos in the world.

Mercer Global Pension Index - 2021

- ✓ Mercer Consulting has released the 13th edition of the Mercer Global Pension Index (2021 MCGPI).
- ✓ India has been ranked at 40th position out of 43 countries in the 2021 Mercer CFS Global Pension Index survey.
- ✓ In 2020, India was ranked at 34th position out of 39 pension systems.
- ✓ Iceland has topped this ranking.
- ✓ It was followed by the Netherlands and Norway.
- ✓ India had an overall index value of 43.3.
- ✓ Thailand had the lowest overall index.

Hoote

- ✓ Rajinikanth launched his daughter Soundarya's voice based social media platform - Hoote.
- ✓ The app is India's first voice based social media platform for the world, from Chennai.

Writing for My Life

- ✓ “Writing for My Life”, an anthology of author Ruskin Bond, has been released.
- ✓ It contains some of the most exemplary stories, essays, poems and memories of Ruskin Bond.
- ✓ This anthology has been released 25 years after the first anthology of Bond titled, “The Best of Ruskin Bond”.

An arbitrary deprivation of life

- ✓ A human rights expert from United Nations has described Iran’s Death penalty as “an arbitrary deprivation of life”.
- ✓ The UN asked Iran to reform laws and abolish the death penalty.

ICICI Bank

- ✓ The Private sector lender ICICI Bank has crossed the market capitalisation of Hindustan Unilever to become the fifth-largest company by market value.
- ✓ ICICI Bank becomes the second lender after HDFC Bank to break into the top five companies on the BSE (Bombay Stock Exchange) in terms of m-cap.

Stealth frigate

- ✓ The seventh frigate for the Indian Navy was launched at Yantar Shipyard in Russia.

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- ✓ Indian and Russian government had in October 2016 signed an agreement to construct 4 additional ships -- two each in India and Russia.
- ✓ These ship feature "Stealth Technology in term of low radar and underwater noise signature.

Global carbon space

- ✓ China will take away almost one third reminding Global carbon space between 2020 and 2030 and India just 7%.
- ✓ China with countries including Europe would occupy 70% of the world's carbon space.

IMPORTANT DAYS

National Pension System Diwas – 01 October

- ✓ India celebrated the first-ever National Pension System (NPS) Diwas on 1st October 2021.
- ✓ This is to promote pension and retirement planning for a carefree 'azad' retirement.
- ✓ NPS Diwas is a campaign of the Pension Fund Regulatory and Development Authority.

National Voluntary Blood Donation Day – 01 October

- ✓ The day is celebrated every year across the country.
- ✓ This is to raise awareness about Blood donation and promote voluntary blood donation in the country.

- ✓ The theme for this year's Blood donation event is "Give Blood and keep the world-beating".

International Day of Older Persons – 01 October

- ✓ The day aims to raise awareness about issues affecting the elderly.
- ✓ It also appreciates the contributions that older people make to society.
- ✓ The theme for this year is 'Digital Equity for All Ages'.

International Coffee Day – 01 October

- ✓ The day is to celebrate and promote the use of coffee.
- ✓ The hard work and efforts of these workers and people who are associated with the coffee industry are also recognized on this day.
- ✓ For the first time, International Coffee Day was celebrated back in 2015.

World Vegetarian Day – 01 October

- ✓ The day is globally observed to raise awareness about the ethical, environmental, health, and humanitarian benefits of a vegetarian lifestyle.
- ✓ The full week between October 1–7 is observed as the International Vegetarian Week (IVW).

World Smile Day - October 01

- ✓ This year it was on October 01.

World Nature Day - October 3

- ✓ World Nature Day is celebrated every October 3 each year.
- ✓ This day aims to raise awareness on preserving our wonderful nature.

World Animal Day – 04 October

- ✓ The day aims to raise the status of animals and help improve welfare standards across the globe.
- ✓ The day was celebrated for the first time in 1925 by the cynologist Heinrich Zimmermann.

World Habitat Day – 04 October

- ✓ The United Nations designated the first Monday of October as World Habitat Day.
- ✓ In 2021, World Habitat Day is being celebrated on October 04.
- ✓ The theme for 2021 World Habitat Day is “Accelerating urban action for a carbon-free world”.

World Architecture Day 2021 – 04 October

- ✓ The day is celebrated on the first Monday of October in parallel with UN World Habitat Day.
- ✓ This day was created in 1985 by the Union International des Architects.

- ✓ This year's theme is "Clean Environment for a Healthy World".

The World Space Week - October 04 to 10

- ✓ The dates commemorate the launch of the first artificial satellite, Sputnik I, on 4 October 1957.
- ✓ This is to celebrate science and technology, and their contribution towards the betterment of the human condition.
- ✓ World Space Week was declared by the United Nations General Assembly on December 6, 1999.
- ✓ The 2021 theme is "Women in Space!"

World Teachers' Day – 05 October

- ✓ World Teachers' Day also, known as International Teachers Day, is held annually since 1994.
- ✓ The Day aims to focus on appreciating, assessing and improving the educators of the world.
- ✓ The Theme for 2021 International Teachers Day is "Teachers at the heart of education recovery".

Ganga River Dolphin Day – 05 October

- ✓ The day is observed in India to raise awareness and encourage the conservation of Ganga River Dolphins.
- ✓ It was on this day in 2010, that Ganga Dolphins were declared national aquatic animals.

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- ✓ The Gangetic Dolphins are included under the First Schedule of Indian Wildlife (Protection) Act, 1972.
- ✓ They have been declared “Endangered” under IUCN.
- ✓ The Vikramshila Ganges Dolphin Sanctuary was established in Bihar.

Mental Health Awareness Campaign Week - October 05 to 10

- ✓ The Union Ministry of Health & Family Welfare is observing the “Mental Health Awareness Campaign Week”.
- ✓ It starts on October 5, 2021, and will culminate on October 10, 2021.
- ✓ October 10 is also marked as the “World Mental health Day”.
- ✓ The Mental Health Awareness Campaign Week is being observed in India with the aim of encouraging people’s participation in breaking the stigma associated with Mental Disorders.

Breast Cancer Awareness Month 2021 - October 01 to 31

- ✓ Every year the Breast Cancer Awareness Month is observed in the month of October, from 01 to 31.
- ✓ The annual international health campaign aims to increase awareness of the disease.
- ✓ It also aims to raise funds for research into its cause, prevention, diagnosis, treatment and cure.

- ✓ The pink ribbon is an international symbol of breast cancer awareness.

World Cotton Day – 07 October

- ✓ The international day aims to celebrate the advantages of cotton, ranging from its qualities as a natural fibre to the benefits people obtain from its production, transformation, trade and consumption.
- ✓ The initiative of World Cotton Day was born in 2019.
- ✓ The four cotton producers in sub-Saharan Africa – Benin, Burkina Faso, Chad and Mali, proposed World Trade Organization a World Cotton Day celebration on October 7.
- ✓ These countries are known as the Cotton Four.

World Financial Planning Day 2021 – 06 October

- ✓ Every year on the first Wednesday in October is celebrated as World Financial Planning Day.
- ✓ This year it falls on October 6th.
- ✓ The day is held to raise awareness about the importance of financial planning.
- ✓ The first World Financial Planning Day was held on October 4, 2017.
- ✓ The Financial Planning Standards Board (FPSB) hosts the day.
- ✓ Every year, the FPSB partners with the International Organization of Securities Commissions (IOSCO).

World Egg Day 2021 – 08 October

- ✓ The World Egg Day is celebrated worldwide on the ‘Second Friday of October’ month each year since 1996.
- ✓ This year’s World Egg Day will take place on Friday 8 October.
- ✓ It marks the 25th anniversary of the event.
- ✓ The theme for 2021 World Egg Day is “Eggs for all: Nature’s perfect package”.

Indian Air Force Day - 08 October

- ✓ The day is celebrated every year by the Indian Air Force.
- ✓ This year Indian Air Force celebrated its 89th anniversary.
- ✓ Indian Air Force was officially established on 8 October 1932 by the British Empire as the Royal Indian Air Force.
- ✓ The name was changed to Indian Air Force in 1950.

Rapid Action Force Raising Day – 08 October

- ✓ Rapid Action Force (RAF) was created as a specialised wing of CRPF in 1992.
- ✓ It is tasked to tackle riot and riot-like situations that too with promptness and less application of physical force.
- ✓ It is popularly known as Zero - time response Force.
- ✓ RAF has been acting in accordance with its own tagline ‘Serving Humanity with Sensitive Policing.’

World Post Day – 09 October

- ✓ The purpose of World Post Day is to create awareness of the role of the postal sector in people's and businesses' everyday lives.
- ✓ The theme of 2021 World Post Day is "Innovate to recover."

World Migratory Bird Day – 09 October

- ✓ Every year, World Migratory Bird Day is officially celebrated twice a year since it started in 2006.
- ✓ Firstly it is held on the Second Saturday of May and again on the Second Saturday of October.
- ✓ In 2021, the WMBBD fell on May 08, 2021, and October 09, 2021.
- ✓ The theme for 2021 WMBD is "Sing, Fly, Soar – Like a Bird!"

Indian Foreign Service Day – 09 October

- ✓ On October 9, 1946, the Indian Foreign Service was established for India's diplomatic, consular and commercial representation overseas.
- ✓ The IFS Day is celebrated on 9 October every year since 2011.
- ✓ This is to commemorate the day the Indian Cabinet created the IFS.

72nd Territorial Army Day – 09 October

- ✓ India's first Governor General C Rajagopalachari formally inaugurated the Indian Territorial Army on October 9 in 1949.
- ✓ Territorial Army comes under the Defence Ministry.

World Hospice and Palliative Care Day – 09 October

- ✓ It is an annual unified day of action to celebrate and support hospice and palliative care around the world.
- ✓ The theme of this year is "Leave no-one behind - equity in access to palliative care".

National Postal Day – 10 October

- ✓ In India, the day is celebrated annually as an extension of World Post Day, which is celebrated on 9 October.
- ✓ The Day aims to commemorate the role played by the Indian postal department.
- ✓ It was founded in 1854 by Lord Dalhousie.
- ✓ The 6-digit PIN system was introduced by Shriram Bhikaji Velankar, an additional secretary in the Union Ministry of Communications on 15 August 1972.

World Mental Health Day – 10 October

- ✓ The objective of World Mental Health Day is to raise awareness of mental health issues around the world and to mobilize efforts in support of mental health.

- ✓ The theme for World Mental Health Day 2021 is ‘Mental health in an unequal world’.
- ✓ World Mental Health Day was first observed on October 10, 1992.

World Day Against the Death Penalty – 10 October

- ✓ It is a day to advocate for the abolition of the death penalty and to raise awareness of the conditions and the circumstances which affect prisoners with death sentences.
- ✓ The theme for 2021 is “Women Sentenced to Death: An Invisible Reality.”
- ✓ The day was first organised by the World Coalition Against the Death Penalty in 2003.
- ✓ 2021 marks the 19th World Day Against the Death Penalty.

International Day of the Girl Child – 11 October

- ✓ The International Day of the Girl Child (also known as Day of Girls and the International Day of Girls) is observed annually since 2012.
- ✓ This international observance day was declared by the United Nations.
- ✓ It is to raise awareness of issues facing girls internationally surrounding education, nutrition, child marriage, legal and medical rights.

- ✓ The theme for 2021 International Day of the Girl Child is “Digital generation. Our generation”.

World Arthritis Day – 12 October

- ✓ It is to spread awareness about the existence and impact of rheumatic and musculoskeletal diseases.
- ✓ "Arthritis" is an umbrella term that encompasses the common disabling disorders that primarily or secondarily affect joints.
- ✓ This year the theme of the day is ‘Don’t Delay, Connect Today: Time2Work’.

International Day for Disaster Reduction – 13 October

- ✓ The day is held annually since 1989.
- ✓ The day is celebrated to promote a global culture of risk awareness and disaster reduction.
- ✓ It also celebrates how people and communities around the world are reducing their exposure to disasters and raising awareness about the importance of reining in the risks that they face.
- ✓ The theme for 2021 is “International cooperation for developing countries to reduce their disaster risk and disaster losses”.

International E-Waste Day – 14 October

- ✓ The day is celebrated every year since 2018.

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- ✓ It is to promote the correct disposal of e-waste throughout the world with the aim to increase re-use, recovery and recycling rates.
- ✓ 2021 is the fourth edition of the International E-Waste Day.
- ✓ This year's International E-Waste Day will focus on the crucial part each of us has in making circularity a reality for e-products.
- ✓ The theme for 2021 IEWD is "Consumer is the key to Circular Economy!"
- ✓ The day was developed in 2018 by the WEEE Forum.

World Sight Day 2021 – 14 October

- ✓ World Sight Day is an annual day of awareness held on the second Thursday of October.
- ✓ This year it falls on October 14.
- ✓ It is to focus global attention on vision impairment, including blindness.
- ✓ The theme for this year is 'Love Your Eyes'.

World Standards Day – 14 October

- ✓ The World Standards Day or International Standards Day is observed globally every year.
- ✓ The day aims to raise awareness about the importance of standardisation to the global economy among consumers, regulators and industry.

- ✓ World Standards Day 2021 theme is “Standards for sustainable development goals – shared vision for a better world”.
- ✓ The First World Standards Day was celebrated in 1970.

The International Day of Rural Women – 15 October

- ✓ The day recognizes the crucial role of women and girls in ensuring the sustainability of rural households and communities, improving rural livelihoods and overall well-being.
- ✓ In India, the Ministry of Agriculture and Farmers Welfare observes the day as the Rashtriya Mahila Kisan Diwas since 2016.
- ✓ This is to increase the active participation of women in agriculture.
- ✓ This International Day, under the theme “Rural women cultivating good food for all”.

World Student’s Day 2021 – 15 October

- ✓ The day is celebrated in honour of the birth anniversary of the former president of India, Late Dr APJ Abdul Kalam.
- ✓ Since 2010, the United Nations Organisation (UNO) has marked this day in an attempt to acknowledge the efforts of Dr Kalam toward education and his students.
- ✓ The current year’s (2021) theme of World Students’ Day is “Learning for people, planet, prosperity and peace”.

World White Cane Day – 15 October

- ✓ It is observed in order to celebrate the achievements of people, who won against their physical limitations in sight and still achieving success.
- ✓ The white cane is the most easily recognized symbol of a visually impaired person around the globe.

Global Hand washing Day – 15 October

- ✓ The Global Hand washing Day was observed across the world in order to raise awareness and develop better understanding on the importance of hand hygiene in keeping people safe and healthy.
- ✓ Theme of the year 2021 is “Our Future is at Hand - Let’s Move Forward Together.”

National Security Guard - Raising Day

- ✓ The National Security Guard (NSG) force observes its Raising Day on October 16, every year.
- ✓ They are popularly known as Black Cats.
- ✓ The NSG is an elite counter-terrorism unit under the Indian Ministry of Home Affairs.
- ✓ The year 2021 marks the 37th anniversary of the establishment of the NSG.
- ✓ It was established in 1984.

World Food Day – 16 October

- ✓ It is celebrated across the globe to eradicate worldwide hunger from our lifetime.
- ✓ The World Food Day also commemorates the date of the founding of the United Nations Food and Agriculture Organization (FAO) in 1945.

World Trauma Day - 17 October

- ✓ Every year, 17th October is celebrated as World Trauma Day.
- ✓ This day highlights the increasing rate of accidents and injuries causing death and disability across the world and the need to prevent them.

World Statistics Day – 20 October

- ✓ The day is observed to highlight the achievements of the Fundamental Principles of Official Statistics.
- ✓ The celebration of World Statistics Day 2021 is a global collaborative endeavour, organized under the guidance of the United Nations Statistical Commission.
- ✓ The first World Statistics Day was celebrated on 20 October 2010.
- ✓ In 2015, the day was marked once again, with the theme of “Better data, better lives.”
- ✓ In 2015, it was also decided to mark the occasion every five years.

- ✓ In 2020, the theme for the third World Statistics Day was “Connecting the world with data we can trust”.

World Osteoporosis Day (WOD) – 20 October

- ✓ The day aims to raise global awareness of the prevention, diagnosis and treatment of osteoporosis and metabolic bone disease.
- ✓ The day is organized by the International Osteoporosis Foundation (IOF).
- ✓ In 2021, the Global WOD Campaign theme is “Serve Up Bone Strength”.

International Chefs Day – 20 October

- ✓ The day aims to celebrate and honour the noble profession and educate people around the world about eating healthy.
- ✓ The theme of the International Chefs Day 2021 campaign is Healthy Food for the Future.
- ✓ International Chefs Day was created by Dr Bill Gallagher.

National Solidarity Day – 20 October

- ✓ The National Solidarity Day is observed every year on October 20 in India.
- ✓ The day is observed in our country to honour the Armed forces, who guard our extensive borders.
- ✓ On October 20th of 1962, China started attacking India and the Sino-Indian War started.

Police Commemoration Day – 21 October

- ✓ The National Police Commemoration Day is observed every year on October 21, in India.
- ✓ This day is dedicated to the sacrifices of ten policemen, who died in a Chinese firing in the year on October 21, 1959.
- ✓ The National level Police Commemoration Day Parade is held at the Police Memorial, Chanakyapuri, since the year 2012.

World Iodine Deficiency Day – 21 October

- ✓ Iodine is stored in the thyroid gland of our body and is an essential dietary mineral.
- ✓ It is important for our body as it helps in the production of thyroid hormones thyroxine (T4) and triiodothyronine (T3).

Ashfaqullah Khan's birth anniversary

- ✓ Ashfaqullah Khan's 121st birth anniversary was observed on 22 October 2021.
- ✓ Ashfaqulla Khan was an Indian Independence activist and co-founder of hindustan socialist Republican Association.
- ✓ A strong officer of the British raj in India, Khan was born on October 22, 1900, in Shahjahanpur.
- ✓ Khan was hanged to death with Ram Prasad Bismil, for their role in the Kakori train robbery in 1925.

Mole Day - 23 October

- ✓ Mole Day is marked on October 23rd annually.
- ✓ The day is commemorated in honour of Avogadro's number and is marked from 6:02 a.m to 6:02 p.m.
- ✓ Avogadro number is denoted as 6.023×10^{23} to define the number of particles present in a single mole to any substance.
- ✓ This number - or a mole - is the basic measuring units for atoms and molecules discovered by Amedeo Avogadro.

UDAN Day - 21st October

- ✓ The Government of India has identified 21st October as UDAN Day.
- ✓ This was the day on which the scheme document was first released.
- ✓ The scheme is aimed at enhancing connectivity to remote and regional areas of the country and making air travel affordable.
- ✓ It is a key component of the Centre's National Civil Aviation Policy led by Prime Minister Narendra Modi.
- ✓ It was launched in June 2016.
- ✓ The scheme will be jointly funded by the central government and state governments.

International Stuttering Awareness Day – 22 October

- ✓ This day is observed every year since 1998.

- ✓ The day is intended to raise public awareness of the millions of people who have a speech disorder of stuttering or stammering.
- ✓ Theme of 2021 is “Speak the change you wish to see”.

World Energy Day – 22 October

- ✓ The World Energy Day is an initiative endorsed by Sheikh Mohammed bin Rashid Al Maktoum, the then Prime Minister of the UAE, during the World Energy Forum in Dubai in 2012.
- ✓ The World Energy Day is one of the UAE’s contributions to the world to achieve sustainable development.
- ✓ The 2021 World Energy Day (WED) Conference was held at Kampala in Uganda.

International Snow Leopard Day – 23 October

- ✓ The day is observed since 2014.
- ✓ The day commemorates the anniversary of the Bishkek Declaration.
- ✓ It is also observed to raise awareness for its conservation and protection.
- ✓ It was on October 23, 2013, when political leaders from 12 countries came together to endorse the ‘Bishkek Declaration on the conservation of snow leopards.
- ✓ Snow Leopard is found in 12 countries.

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- ✓ They are India, Nepal, Bhutan, China, Mongolia, Russia, Pakistan, Afghanistan, Kyrgyzstan, Kazakhstan, Tajikistan and Uzbekistan.

United Nations Day – 24 October

- ✓ This year will mark this intergovernmental organisation's 76th year since the foundation.
- ✓ The day marks the anniversary of the day when the UN Charter entered into force in 1945.
- ✓ This year's UN Day Concert held under the theme "Building Back Together for Peace and Prosperity".
- ✓ It was sponsored by the Permanent Mission of the Republic of Korea to the United Nations.
- ✓ The name 'United Nations' was coined by former United States President Franklin D Roosevelt.
- ✓ It currently has 193 member states.
- ✓ In 1953, Vijaya Lakshmi Pandit, sister of Jawaharlal Nehru, became the first woman President of the Un General Assembly.

World Development Information Day - 24 October

- ✓ The United Nations General Assembly in 1972 established this Day to draw the attention of the world to development problems.
- ✓ This year's theme is Action for Sustainable Development Goal.

World Polio Day – 24 October

- ✓ It was established by Rotary International to commemorate the birth of Jonas Salk.
- ✓ He led the first team to develop a vaccine against poliomyelitis.
- ✓ The theme of this year's World Polio Day is “One Day. One Focus: Ending Polio – delivering on our promise of a polio-free world”.
- ✓ Poliomyelitis is an infectious disease that affects children under the age of 5.
- ✓ India was declared polio-free in 2014.
- ✓ The 'Pulse Polio' programme of India was started in 1995 with an aim towards 100% eradication of the disease.
- ✓ The pulse immunization using Oral Polio Vaccine was conducted in Vellore in 1981.
- ✓ Vellore is the first Indian town to be polio-free.
- ✓ The very last polio case was reported in West Bengal's Howrah district in 2011.
- ✓ The last stronghold of this poliovirus is in Afghanistan and Pakistan.

The International Day of Diplomats – 24 October

- ✓ The day aims to commemorate the contributions made by diplomats in shaping the world since ancient times and in making our planet a better place.

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- ✓ It also aims to bridge the gap in perception and reality of diplomats' lives among the general public.
- ✓ The first International Day of Diplomats was celebrated in Brasília (Capital of Brazil) on 24 October 2017.
- ✓ The day was proposed by Indian poet-diplomat Abhay K.

International Artists' Day – 25 October

- ✓ 25th October marks the celebration of International Artists' Day around the globe.
- ✓ This is to honor artists and their contribution to society.
- ✓ The day also pays homage to Pablo Picasso.

The World Day for Audiovisual Heritage – 27 October

- ✓ The World Day for Audiovisual Heritage is a key initiative for both UNESCO and the Coordinating Council of Audiovisual Archives Associations.
- ✓ This is to honour audio-visual preservation professionals and institutions that safeguard our heritage for future generations.
- ✓ The day was chosen to raise awareness of the significance and preservation risks of recorded sound and audiovisual documents.
- ✓ The theme of the World Day for Audiovisual Heritage 2021: "Your Window to the World".

Indian Army 75th Infantry Day – 27 October

- ✓ This year nation celebrates its 75th Infantry Day.

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- ✓ Infantry Day is celebrated as a remembrance of the first military event of independent India.
- ✓ It was when the First Battalion of the Sikh Regiment of Indian Army fought battle to accomplish victory over the first attack on the Indian soil by the Pakistan Army and Lashkar invader on October 27, 1947.
- ✓ The battle was in the Kashmir valley.
- ✓ The infantry is the largest fighting arm of the Indian Army.
- ✓ It is popularly known as the “Queen of the Battle”.

Disarmament Week 2021 - October 24 to 30

- ✓ Disarmament Week is observed annually to promote awareness and understanding of the issues of disarmament in several countries.
- ✓ The week aims to reduce the use of weapons, specifically nuclear weapons, to bring peace to society.

Vigilance Awareness Week 2021 - October 26 to November 01

- ✓ The Vigilance Awareness Week 2021 has been organised by the Central Vigilance Commission (CVC).
- ✓ The annual event is celebrated during the week in which the birthday of Sardar Vallabhbhai Patel falls, which is held on October 31.
- ✓ The theme of Vigilance Awareness Week 2021: ‘Independent India @75: Self Reliance with Integrity’.

International Animation Day – 28 October

- ✓ The day is observed every year to celebrate the art of animation and also recognise the artists, scientists and technicians behind animation.
- ✓ This year marks the 20th International Animation Day.
- ✓ The day was created in 2002 by the International Animated Film Association (ASIFA).

International Internet Day – 29 October

- ✓ The day marks the sending of the first electronic message which was transferred from one computer to another in 1969.
- ✓ At that time the Internet was known as ARPANET (Advanced Research Projects Agency Network).
- ✓ Charley Kline transmitted the first-ever electronic message 'LO' on October 29, 1969.
- ✓ The first International Internet Day was celebrated on October 29, 2005.

World Psoriasis Day – 29 October

- ✓ The day is observed by the International Federation of Psoriasis Associations.
- ✓ This is to promote awareness, empowerment, and action for improving the quality of life for people with psoriasis and psoriatic arthritis.

- ✓ The theme for 2021 World Psoriasis Day is “Uniting for action”.
- ✓ Psoriasis is a kind of skin disorder that reasons skin cells to multiply up to ten times faster.

World Stroke Day – 29 October

- ✓ The World Stroke Day was established by the World Stroke Organization (WSO).
- ✓ The day is also observed to raise awareness of the prevention and treatment of strokes.
- ✓ For 2021 and 2022, the WSO campaign aims to focus on raising awareness of the signs of stroke and the need for timely access to quality stroke treatment.

Global Media and Information Literacy - 24th October to 31st October

- ✓ The United Nations Global Media and Information Literacy (MIL) Week is annually observed to review and celebrate the progress made towards “Media and Information Literacy for All”.
- ✓ The year 2021 marks the 10th Global MIL Week and this also marks the first UN-recognised Global MIL Week.
- ✓ The Global MIL Week 2021 is hosted by South Africa and co-organised by the United Nations Educational, Scientific and Cultural Organization (UNESCO).

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- ✓ The theme of 2021 Global MIL Week is “Media and Information Literacy for the Public Good”.

World Savings Day – 30 October

- ✓ It is also called World Thrift Day.
- ✓ It is observed to promote the thought of savings to the worldwide public and its relevance to the economy and the individual.
- ✓ This day was established in the year 1934 during the 1st International Savings Bank Congress in Milan, Italy.

World Cities Day – 31 October

- ✓ The United Nations General Assembly designated this Day in 2013.
- ✓ The Day is expected to greatly promote the international community’s interest in global urbanization.
- ✓ It pushes the forward cooperation among countries in meeting opportunities addressing challenges of urbanization and contributing to sustainable urban development around the world.
- ✓ The global theme of World Cities Day 2021 is “Adapting cities for climate resilience”.
- ✓ It is organized by the United Nations Human Settlements Programme (UNHabitat).

National Unity Day – 31 October

- ✓ It is the annual celebration that marks the birth anniversary of Sardar Vallabhbhai Patel.
- ✓ It is also known as Rashtriya Ekta Diwas.
- ✓ This celebration was first started in 2014 to mark the birth anniversary of Sardar Vallabhbhai Patel.

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