

RANKINGS

➤ India Innovation Index 2020:

- ✓ Karnataka retained its position as the most innovative major state in the country in the India Innovation Index 2020 released by NITI Aayog on January 20, 2021.
- ✓ The first edition of the index was released in October 2019.
- ✓ NITI Aayog Vice Chairman Dr Rajiv Kumar.

States:

- ✓ **Karnataka** scored 42.5, followed by **Maharashtra** at second place with a score of 38 and **Tamil Nadu at third place** with 37.91 score. Bihar was ranked the last in the index with 14.5 score.

North East / Hilly states:

- ✓ **Himachal Pradesh topped** among the NE/ Hilly states with a score of 25.06, followed by Uttarakhand and Manipur, while Meghalaya was ranked last with 12.15 score.

Union Territories / City States:

- ✓ **Delhi topped** among the UT/ City States with a score of 46.60, followed by Chandigarh and Daman & Diu and Lakshadweep came last with 11.71 score.

➤ Tesla and SpaceX

- ✓ Elon Musk, an entrepreneur behind Tesla and SpaceX - is now the richest person on the planet
- ✓ As CEO of SpaceX, Musk is also a rival to Bezos, owner of Blue Origin, in the private space race

➤ Henley Passport Index

- ✓ India ranked **85th** in the Henley Passport Index, with a score of 58.
- ✓ The Indian passport ranked higher in both 2020 (84th) and 2019 (82nd).
- ✓ Japan continues to hold the number one position on the index, with passport holders able to access 191 destinations around the world visa-free.

➤ Democracy Index 2020

- ✓ The Economist Intelligence Unit (EIU) - released the Democracy Index 2020 alongwith its report titled "Democracy in sickness and in health"
- ✓ As per the report, 23 countries are categorized as full democracies, 52 as flawed democracies, 35 countries as hybrid regimes while 57 countries are authoritarian regimes, out of total 167 countries.

➤ **India Skills Report 2021**

- ✓ Maharashtra, Tamil Nadu and Uttar Pradesh - remained the top three states with the highest employable talent, according to the India Skills Report 2021.
- ✓ Delhi, Telangana, Gujarat, Rajasthan and West Bengal completes the Top 10 states with employable talent.

□□ **Economic Freedom Index 2021**

- Singapore - has topped the —Economic Freedom Index 2021 global ranking for the second consecutive year.
- The index, prepared by the Heritage Foundation, a US Conservative think-tank, featured 184 countries for the period of July 2019 to June 2020.
- India has been ranked 121st freest in the 2021 index with a score of 56.5, placed under the category of ‘mostly unfree’ and is ranked at 26th place out of 40 Asia-Pacific countries

□ **Corporate Tax Haven Index 2021**

- The Corporate Tax Haven Index covers 70 countries, which are ranked based on a ‘corporate tax haven’ score
- It reflects how aggressively countries use low or nil corporate taxes, loopholes, secrecy, lax anti-abuse provisions and aggressive tax treaties to attract MNCs and enable them to escape or undermine the tax regulations in other countries.
- These include - The Netherlands (Rank 4), Singapore (9), UAE (10), UK (13), Cyprus (14) and Mauritius (15).
- **Gautam Adani - has gained more wealth than any other person in the world this year, according to the Bloomberg Billionaires Index**
- The net worth of Adani has jumped \$16.2 billion to reach \$50 billion in the year 2021
- This has made him the year’s biggest wealth gainer, beating even Elon Musk, who has overtaken Jeff Bezos in 2021 for the title of world’s richest.

➤ **World Economic Forum’s Global Gender Gap Report- 2021**

- ✓ India - has slipped 28 places to rank 140th among 156 countries in the World Economic Forum’s Global Gender Gap Report 2021
- ✓ The country was ranked 112th among 153 countries in the Global Gender Gap Index 2020

➤ **World Giving Index 2021**

- ✓ India - has been ranked at 14th spot among 114 countries in the 10th edition of **World Giving Index 2021**, released by the Charities Aid Foundation (CAF)

➤ **SD - Report 2021**

- ✓ Finland - has topped the annual Sustainable Development Report 2021
- ✓ This is the first time the Nordic country has been ranked at the top of the SDG Index.
- ✓ Finland also took the top spot as the happiest country in the world according to the World Happiness Report, released during March 2021

- **India - was ranked at 117th spot on 17 Sustainable Development Goals (SDGs) adopted as part of 2030 agenda**
 - ✓ This was revealed by the State of India's Environment Report 2021
 - ✓ Last year, India was ranked at 115th place and slipped 2 places this year due to the non-performance related to SDG2, SDG 5 and SDG 9
 - ✓ India is ranked below four South Asian countries – Bhutan, Nepal, Sri Lanka and Bangladesh
 - ✓ The overall SDG score of India is 61.9 out of 100.

- **Bengaluru Adjudged as India's Most Liveable City in Ease of Living Index 2020**
 - ✓ Bengaluru has been named as the most liveable city of India, in the Ease of Living Index 2020, released by the Centre for Science and Environment (CSE).
 - ✓ The Ease of Living Index 2020 is part of the report titled State of India's Environment 2021.

Rank 1: Bengaluru
Rank 2: Chennai
Rank 3: Shimla

- **Global - Cyber Security India - GCI**
 - ✓ India - has been ranked at 10th position with a score of 97.5 in the Global Cyber Security Index (GCI) 2020, moving up by 37 places from the 2019 index

- **India ranked 20th in Global Startup Ecosystem Index 2021**
 - ✓ India stands at the 20th spot among the top 100 countries that have been ranked in the Global Startup Ecosystem Index 2021 by Startup Blink.
 - ✓ The country was in the 17th spot in 2019.

- **Kerala - has the maximum proportion (16.5%) of elderly people in its population, as per 2021 data**
 - ✓ Tamil Nadu (13.6%),
 - ✓ Himachal Pradesh (13.1%),
 - ✓ Punjab (12.6%) and
 - ✓ Andhra Pradesh (12.4%).

- **India - was ranked at 122nd position among 181 countries in Global Youth Development Index, 2020, released by the Commonwealth Secretariat in London**

- **India - has emerged as the third largest startup ecosystem in the world after the US and China, as per the Hurun India Future Unicorn List 2021**
 - ✓ "Gazelle" is a startup founded after 2000 with the potential to go unicorn in two years, while "cheetah" may go unicorn in the next four years.
 - ✓ Online retail store **Zilingo** is the most valuable Gazelle and digital furniture platform **Pepperfry** is the most valuable Cheetah.

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

- **India will become 3rd largest importer by 2050**
 - ✓ India could become the world's third-largest importer by 2050, according to a report released by the UK's Department of International Trade.

- ✓ With a 5.9 per cent share of global imports by 2050, the country will become the third-largest importer, following China and the United States.
- **3rd edition of State Food Safety Index 2020-21**
 - ✓ Union Minister for Health and Family Welfare **Shri Mansukh Mandaviya** has released the Food Safety and Standards Authority of India (FSSAI)'s **3rd State Food Safety Index (SFSI)** to measure the performance of States across five parameters of food safety to ensure safe food for citizens.
 - ✓ **Top States and UTs in Food Safety Index 2020-21**
 - ✓ **Among the larger states**, Gujarat was the top ranking state, followed by Kerala (2nd) and Tamil Nadu (3rd).
- **Hurun Research Institute has released the Hurun India Future Unicorn List 2021**, as per which India is the third-largest Unicorn/startup ecosystem in the world. The USA is on top followed by China on second. India has 51 unicorns according to the list.
- **India Ranks Third in 2021 EY Index**
 - ✓ India has retained the third position in the 58th Renewable Energy Country Attractiveness Index (RECAI) released by the consultancy firm Ernst & Young (EY).
- **Global Hunger Index**
 - ✓ Among Global Hunger Index 2021, India ranks at 101 out of 116 countries
 - ✓ India ranked 94 among 107 countries in the Global Hunger Index (GHI) released last year.
 - ✓ India was also behind most of the neighbouring countries. Pakistan was placed at 92 rank, Nepal at 76 and Bangladesh also at 76.
- **Global Food security Index**
 - ✓ **Global Food security Index 2021** - India 71st Position out of 113 countries.
- **Governance Performance of States**
 - ✓ Kerala, Tamil Nadu and Telangana - have taken the top three slots, emerging winners among the 18 large states in governance performance, based on a study conducted by Public Affairs Centre (PAC), a Bengaluru-based nonprofit think tank
- **Climate Change Performance Index (CCPI)**
 - ✓ India - retains its spot in the top 10 best performing countries for the third year in a row in the latest global Climate Change Performance Index (CCPI) 2022.
- **Sustainable Development Goal (SDG) Index**
 - ✓ Shimla - has topped Niti Aayog's Sustainable Development Goal (SDG) index. The index ranks 56 urban areas based on the progress in meeting SDG goals on 77 SDG indicators related to ending poverty, zero hunger, good health and well-being, quality education and gender equality, among others.
- **Poverty Index**
 - ✓ Tamil Nadu - has the fourth lowest poverty index among states with 4.89%, after Kerala (0.71%), Goa (3.76%) and Sikkim (3.82%).
 - ✓ This was revealed in the Multidimensional Poverty Index (MPI) report prepared by the Niti Aayog based on the National family health survey - 4 done in 2015-16.

RANKING - 2022

➤ **India's Passport Rank**

- ✓ India's passport power has improved this quarter compared to 2021.
- ✓ It now ranks at 83rd position in the Henley Passport Index, climbing seven places from 90th rank last year.
- ✓ However, in 2020, its rank stood at 84 while in 2016, India was ranked 85th along with Mali and Uzbekistan. Japan and Singapore top the index.

➤ **India Among Top 10 Global Artificial Intelligence (AI) Adopters**

- ✓ India is among the top 10 nations in the world in terms of technological advancements and funding in artificial intelligence (AI), according to findings from a study published by The Brookings Institution.
- ✓ It ranks sixth in terms of spending and investments on AI.
- ✓ The nations leading AI achievements ahead of India are the US, China, the UK, France, Japan and Germany.

➤ **The Most Popular Global Leader**

- ✓ Prime Minister Narendra Modi - ranked the most popular global leader with an approval rating of 71%, according to a survey undertaken by US consulting firm Morning Consult.
- ✓ He was followed by Mexico's Andrés Manuel López Obrador (66%), Italy's Mario Draghi (60%) and Japan's Fumio Kishida (48%)
- ✓ PM Modi had the lowest disapproval ratings among all the leaders tracked at 21%.

➤ **International Corruption Index**

- ✓ India ranks 85 in Transparency International's corruption index with a score of 40, India ranks at 85th position in the Transparency International's Corruption Perceptions Index (CPI), 2021. The report cites India's case as "particularly worrying".

➤ **Global Digital Skills Index 2022**

- ✓ Salesforce, a leading company in Customer Relationship Management (CRM), has released the Global Digital Skills Index, 2022.
- ✓ India topped the Salesforce Global Digital Skills Index 2022 with a score of 66 out of 100.
- ✓ Brazil and Thailand are on the second spot and third spot with a score of 53 and 48 respectively. The index measures global employee sentiments and readiness to acquire key digital skills.

➤ **EIU's Democracy Index**

- ✓ India has ranked 46th position in the 2021 Democracy Index's global ranking, according to The Economist Intelligence Unit.
- ✓ With the highest score of 9.75, Norway topped the Democracy Index 2021 by Economist Intelligence.
- ✓ India scored 6.91 to rank 46th on the list.

➤ **US Green Building Council (USGBC)**

- ✓ India ranks 3rd in 9th US Green Building Council.

- ✓ The US Green Building Council (USGBC) has released the 9th annual ranking of top 10 countries outside of the United States (US) for Leadership in Energy and Environmental Design (LEED) in 2021 in which India ranked 3rd with 146 projects.

- **Knight Frank Wealth Report 2022**
- ✓ According to Knight Frank's 2022 Wealth Report, India ranked third in billionaire population globally.
- ✓ The top five countries in billionaire population are the United States, China, India, Germany and Russia.

- **Export Competitiveness Index (EPI)**
- ✓ Gujarat - has emerged as the top state in the Niti Aayog's 2021 export competitiveness index (EPI) for the second time in a row followed by Maharashtra and Karnataka.
- ✓ These states are among the top states in the export contribution of more than 50% in India in 2020-21.
- ✓ Maharashtra, Gujarat, Karnataka, Tamil Nadu, and Telangana contribute 75% of India's overall exports, according to the final EPI report released on March 25.

- **Annual Frontier Report, 2022**
- ✓ Moradabad in Uttar Pradesh is the second-most noise polluted city globally, according to the recent 'Annual Frontier Report, 2022' published by the United Nations Environment Programme (UNEP).
- ✓ The city recorded noise pollution of 114 decibels at its highest (dB) in 2021, said the report.
- ✓ The report ranked 61 cities around the world, of which Dhaka tops with a noise pollution level of 119 dB.

APPOINTMENT

➤ Sanjib Banerjee

- ✓ Justice Sanjib Banerjee - was appointed as the Chief Justice of the Madras High Court

➤ Jayati Ghosh

- ✓ Indian development economist Jayati Ghosh
- ✓ Is among the 20 prominent personalities appointed by the UN to a high-level advisory board on economic and social affairs.

➤ Okonjo-Iweala

- ✓ Nigerian economist, Ngozi Okonjo-Iweala - appointed as the first woman and first African head of the World Trade Organisation (WTO)
- ✓ Okonjo-Iweala was named as the Director-General by the representatives of the 164 member countries of WTO.

➤ Vijay Sampla

- ✓ Vijay Sampla - was appointed as the Chairman of the National Commission for Scheduled Castes

☐ Indian Boxer, Mary Kom

- ☐ It was appointed as the chairperson of the International Boxing Association (AIBA) champions and veterans committee

➤ TAFE - CMD Mallika Srinivasan,

- ✓ She was appointed PSEB - chairperson, TAFE - CMD as PSEB chair

➤ Venkata Ramana, new 48th CJI

- ✓ President Ram Nath Kovind - appointed Justice Nuthalapati Venkata Ramana, the senior-most Supreme Court judge, as the next Chief Justice of India

➤ New ONGC CMD

- ✓ Subhash Kumar - assumed additional charge as the Chairman-cum Managing Director (CMD) of Oil and Natural Gas Corporation (ONGC) following retirement of incumbent Shashi Shanker on April.

➤ Tarun Bajaj

- ✓ The government - announced Tarun Bajaj as the new revenue secretary.

➤ Sushil Chandra - New CEC

✓ Sushil Chandra -was appointed as the New Chief Election Commissioner.

➤ **Bar Council of India (BCI)**

✓ Mr.SPrabakaran - was elected vice-chairman of the Bar Council of India(BCI)

➤ **Tamil Nadu DrAmbedkar Law University.-Vice chancellor**

Governor BanwarilalPurohit -had appointed N S Santhosh Kumar vice-chancellor of Tamil Nadu DrAmbedkar Law University

➤ **BAD Bank -Chief**

✓ Padmakumar Madhavan Nair of SBI - has been appointed as the Chief of the proposed 'bad bank' or the National Asset Reconstruction Company (NARC)

➤ **Mr. T Rabi Sankar -Deputy Governor of the central bank.**

✓ Reserve Bank of India (RBI) executive director **T Rabi Sankar has been named as the fourth Deputy Governor of the central bank.**

➤ **Mr. Raman Meenakshi Sundaram - IIRR**

✓ He has been appointed as Director of the **Indian Institute of Rice Research (IIRR)**, an arm of the Indian Council of Agricultural Research.

Name	Sector
Mr.Hasan Mohamed Jinnah	State government has appointed him as the State Public Prosecutor.
Mr.Jeyaranjan	M.K.Stalin appointed him as the Vice - chairmen of SDPC State Development Policy Council (SDPC)
Lt-General Manoj Pande	Appointed as the Chief of the Army's Eastern Command at Kolkata
Abdulla Shahid	Maldives' foreign minister ,New President of the UN General Assembly for the 76th session
Neftali - Bennet	Appointed as the 13th prime minister of Israel, replacing Benjamin Netanyahu, who served as Israel PM for 12 years
Satya Nadella	Chief Executive Officer of Microsoft, - has been elevated as its new chairman
Antonio Guterres	The UN General Assembly -had unanimously elected him to a second term as secretary-general on June
Rebecca Grynspan.	The U.N. General Assembly - has approved the appointment of Costa Rican economist as the Secretary-General of the UN Conference on Trade and Development (UNCTAD).

- **The U.S. State Department - announced the appointment of Atul Keshap as the interim Chargé d'Affaires (CDA) in New Delhi**
- **The Centre - has extended the tenure of NITI Aayog Chief Executive Officer (CEO), Amitabh Kant, by one more year till June 2022.**
 - ✓ The Appointments Committee of the Cabinet, headed by PM Modi, has approved the extension in tenure of Amitabh Kant, CEO, National Institution for Transforming India (NITI Aayog)
- **Andy Jassy - officially takes over as the CEO of Amazon from Jeff Bezos on July**
- **Eric Garcetti - New Ambassador to India**
 - ✓ Eric Garcetti, a Democratic Party insider from California and Mayor of Los Angeles - was nominated by President Joe Biden to serve as the new US ambassador to India in New Delhi on July
- **President Joe Biden - has nominated Indian-American Dr Rahul Gupta, West Virginia's former health commissioner, as the top anti-drug official of the United States**
- **Deepak Das takes charge as new Controller General of Accounts**
 - ✓ Deepak Das has taken over as the Controller General of Accounts (CGA)
- **Dhriti Banerjee**
 - ✓ It has become the first woman to be appointed as director of the 105-year-old Zoological Survey of India (ZSI).
- **N. K. Singh: New President of Institute of Economic Growth Society**
 - ✓ Chairman of 15th Finance Commission, NK Singh, has been elected as the new president of Institute of Economic Growth (IEG) Society.
 - ✓ He succeeded former Prime Minister Dr Manmohan Singh who was the President of IEG since 1992
- **B Venkatraman, distinguished scientist - has been appointed as the Director of Indira Gandhi Centre for Atomic Research, Kalpakkam.**
- **CAG GC Murmu gets elected as ASOSAI chairman**
 - ✓ The Comptroller and Auditor General (CAG) of India GC Murmu on 7th September, was elected as the chairman of the assembly of Asian Organization of Supreme Audit Institutions (ASOSAI) for a period of three years from 2024 to 2027
- **Iqbal Singh Lalpura named chairman of National Commission for Minorities**
- **Rebecca Grynszpan becomes first woman Secretary-General of UNCTAD**
- **Kasturirangan to lead syllabus panel**
 - ✓ 12-member steering committee given a tenure of 3 years to draft framework
 - ✓ The Centre has started the process to revise school textbooks by appointing former Indian Space Research Organisation (ISRO) chairman **K. Kasturirangan** as the head of a 12-member steering committee responsible for developing a **new National Curriculum Framework (NCF)**.
 - ✓ Dr. Kasturirangan also chaired the drafting committee for the National Education Policy, 2020 which recommended the development of a new NCF.

- **Nobel Peace Laureate Kailash Satyarthi has been appointed by UN Secretary-General Antonio Guterres as a Sustainable Development Goals (SDG) Advocate in the 76th UN General Assembly.**
- **Shaktikanta Das - as RBI governor- 2nd term**
 - ✓ The Centre has re- appointed Shaktikanta Das - as RBI governor for a period of three years from December 20, or until further orders.
 - ✓ The longest-serving RBI governor is **Benegal Rama Rau** – for 7 years and 197 days between July 1, 1949 and January 14, 1957.
- **Amitkhare Advisor to Prime Minister .**
 - ✓ Amit Khare as adviser to the Prime Minister for two years on contract basis.
- **National Bank for Financing Infrastructure & Development (NaBFID).**
 - ✓ The government - has appointed veteran banker K V Kamath as the first chairperson of the National Bank for Financing Infrastructure & Development (NaBFID)
- **Tedros Adhanom reappointed as WHO director general for a second term .**
 - ✓ The Director-General for the second five-year term will be chosen formally during the WHO's next assembly in May of 2022.
- ✓
- **National Research Development Corporation**
 - ✓ Retired Commodore Amit Rastogi - has been appointed as the new Chairman & Managing Director of the National Research Development Corporation
- **New NDRF Director-General**
 - ✓ IPS Atul Rawal will be a new Director General (DG) of the National Disaster Response Force (NDRF).
- **New Chief of Naval Staff**
 - ✓ Admiral R Hari Kumar has received the Guard of Honour as the new 25th Chief of Naval Staff. He took over as the new Chief of Naval Staff on November 30, 2021.
- **UNESCO Goodwill Ambassador**
 - ✓ UNESCO Director-General Audrey Azoulay has appointed Japanese film director Naomi Kawase as UNESCO Goodwill Ambassador for Cultural and Creative Industries.

APPOINTMENT - 2022

- ✓ **TS Tirumurti**
- ✓ India's Permanent Representative to the United Nations, TS Tirumurti - was named the new Chair of the Counter-Terrorism Committee of the United Nations on January 4, 2022.
- **S Somanath**

- ✓ Eminent rocket scientist S Somanath - has been appointed as the tenth chairman of the Indian Space Research Organisation (Isro) and secretary, department of space (DoS).
- ✓ The post of the ISRO chairman, the Space Secretary and the Space Commission chief is usually held by one person only.

➤ **Urjit Patel**

- ✓ Former Reserve Bank of India (RBI) governor, Urjit Patel - has been appointed as the vice-president for investment operations in South Asia, the Pacific Islands and Southeast Asia at the Beijing-based Asian Infrastructure Investment Bank (AIIB)
- ✓ AIIB is a multilateral development bank that aims to improve economic and social outcomes in Asia.

➤ **President of European Parliament**

- ✓ Roberta Metsola, a Christian Democrat from Malta, was elected president of the European Union's parliament.
- ✓ She is only the third woman elected to the post. She is the European Parliament's youngest president.

➤ **V Anantha Nageswaran**

On January 28, the Centre - appointed V Anantha Nageswaran as the Chief Economic Advisor (CEA).

The CEA is usually responsible for drafting the Economic Survey presented on the eve of the Budget.



Lt General Manoj Pande

- ✓ On February 1, Lt General Manoj Pande - took over as the new vice-chief of the Indian Army.

- ✓ Pande, comes to Army headquarters after commanding the eastern command in Kolkata.

➤ **Dinesh Prasad Saklani**

- ✓ Professor Dinesh Prasad Saklani - has been appointed the new director of National Council of Educational Research and Training (NCERT) on February 4.

➤ **Santishree Dhulipudi Pandit**

- ✓ Santishree Dhulipudi Pandit - has become the first woman to hold the position of vice-chancellor at Jawaharlal Nehru University (JNU).

➤ **Sukla Mistry**

- ✓ *Sukla Mistry* - has taken over as Director (Refineries) of Indian Oil and became the first woman Director on the board of Indian Oil Corporation (IOC), the nation's largest oil refining and fuel marketing company.

➤ **Dr S Unnikrishnan Nair**

- Renowned scientist and launch vehicle specialist Dr S Unnikrishnan Nair - took charge as the director of Vikram Sarabhai Space Centre (VSSC) on February 7.
- ✓ VSSC is a key space research centre of the Indian Space Research Organisation (Isro) and specialises in rocket and space vehicles for satellite programs.

- **S. Kishore**
- ✓ Senior bureaucrat S. Kishore has been appointed as the Chairman, Staff Selection Commission (SSC).

- ✓ **Kala Ramachandran**
Kala Ramachandran, a 1994-batch Haryana-cadre IPS officer - has become the first woman police commissioner of Gurgaon
Kala Ramachandran is originally from the Tamil Nadu cadre of IPS officers.

- **G Ashok Kumar**
- ✓ Former Navy vice chief G Ashok Kumar - has been appointed as the first National Maritime Security Coordinator (NMSC) in the National Security Council Secretariat.

- **Anoop Kumar Mendiratta**
- ✓ On February 25, Anoop Kumar Mendiratta - became the first Union Law Secretary to be appointed as a judge in High Court.
- ✓ Mendiratta was appointed as judge based on his seniority as a judicial officer and his name was recently recommended by the Supreme Court collegium.

- **Umamaheswaran R**
- ✓ The department of space (DoS) - has appointed Umamaheswaran R, the current Isro scientific secretary, as the new director of the Human Space Flight Centre (HSFC).
- ✓ The HSFC is responsible for implementation of Gaganyaan and also to pursue activities for sustained human space flight missions.

- **Shefali Razdan Duggal**
- ✓ On March 11, US President Joe Biden - nominated Shefali Razdan Duggal, a Democratic party activist and fund-raiser, as the US envoy to the Netherlands.
- ✓ Shefali, an immigrant to the US from Kashmir, India, is an experienced political activist, women's rights advocate, and human rights campaigner
- ✓ This is the first time a grassroots party activist has been nominated as ambassador to a major country.

AWARDS

➤ Director-General K Natarajan

- ✓ Coast Guard Director-General K Natarajan - has become the first Coast Guard officer to be awarded the Param Vishisht Seva Medal

➤ Tribal Affairs Minister Arjun Munda will be honoured with the SKOCH Challenger Award in a virtual ceremony.

➤ Pradhan Mantri Rashtriya Bal Puraskar 2021:

Young Awardees	Category	State
Prasiddhi Singh	Social Service	Tamil Nadu

➤ Darbhanga 'cycle girl' Jyoti Kumari gets PM's award

➤ Padma Awards 2021

- ✓ President Ram Nath Kovind has approved the conferment of a total of 119 Padma Awards- 7 Padma Vibhushan, 10 Padma Bhushan, and 102 Padma Shri.
- ✓ In 2021, Shinzo Abe, the former Japanese Prime Minister has been honoured with Padma Vibhushan for his major achievements in the field of Public Affairs.
- ✓ In 2021, 29 women are among the Padma recipients. The list also includes 10 individuals from the category of foreigners- OCI, PIO, and NRI and one transgender.

➤ French Award for Indian Physicist

- ✓ Rohini Godbole from Centre for High Energy Physics (CHEP) at Indian Institute of Science (IISc) - has been awarded the Ordre National du Mérite or the National Order of Merit, considered among the highest distinctions bestowed by France

➤ Michael and Sheila Held Prize

- ✓ Nikhil Srivastava - has been named winner of the prestigious 2021 Michael and Sheila Held Prize along with two other mathematicians

➤ 'Prani Mitra' award for 2021

- ✓ The co-founder of Blue Cross of India - has been conferred with the 'Prani Mitra' award for 2021 by the Animal Welfare Board of India for his lifetime service to animals.
- ✓ 'Prani Mitra' is the country's highest award for animal welfare

➤ S. Theodore Baskaran - has won the Sanctuary Lifetime Service Award, 2020

➤ **Anjali Bhardwaj for a newly instituted International Anticorruption Champions Award**

➤ **International Film Festival Awards 2021**

- ✓ Late Bollywood actor Sushant Singh Rajput was honoured with the Dadasaheb Phalke Award in the '**Critic's Best Actor**' category during the prestigious award ceremony held on Feb 20, 2021.

Amitabh Bachchan

Bollywood Actor Amitabh Bachchan – to become the first Indian actor to be bestowed with an award by the International Federation of Film Archives (FIAF)

Mani Shankar Mukhopadhyay, known as Shankar - will be conferred the Sahitya Akademi Award 2020 for his memoir titled ‘Eka Eka Ekashi’.

The 87-year-old writer Shankar published his first novel ‘Koto Ajanare’ in the year 1954

That was also the year the Sahitya Akademi Award was instituted for recognizing the most outstanding books of literary merit published in any major Indian language recognized by the Akademi.

The award distribution function will be held in June-July this year

67th National Film Awards for 2019 – were announced by the Central government

Sanjay Pooran Singh Chauhan won the Best Director Award for Hindi film ‘Bhattar Hoorain’

This is only his second film after ‘Lahore’ that won him the Indira Gandhi Award for the best debutant director in 2010.

The best acting award went to Manoj Bajpayee for ‘Bhonsle’, Dhanush for Tamil film ‘Asuran’, and Kangana Ranaut for two of her films – ‘Panga and Manikarnika: The Queen of Jhansi.’

This is the second National Award for Best Actor for Dhanush after he won it for ‘Aadukalam’ **in 2011**

For Manoj Bajpayee, the award comes after he won the Certificate of Merit for ‘Pinjar’ **in 2003.**

This is the fourth National film award for actress Kangana Ranaut

Vijay Sethupathi won the best-supporting actor award for film ‘Super Deluxe’

Versatile actress Pallavi Joshi won the best-supporting actress award for ‘The Tashkent Files’

Sushant Singh Rajput’s last theatrical release, ‘Chhichhore’, was adjudged as the best feature film in Hindi

Gandhi Peace Prize to two statesmen of Asian countries

The 2019 Prize was conferred posthumously on Sultan **Qaboos bin Said Al Said of Oman**, while the 2020 Prize was also conferred posthumously on **Sheikh Mujibur Rahman, founder of Bangladesh.**

➤ **AICTE lilavati awards, 2020 in New Delhi**

- ✓ Union Education Minister Ramesh Pokhriyal Nishank - recently presented the AICTE Lilavati Awards, 2020 in New Delhi.

- ✓ The prize has been named after the twelfth century book called “Lilavati”, written by the Mathematician Bhaskara II.

✓ Lilavati was the daughter of Bhaskara II.

✓ **List of winners:**

✓ SWEAT (Sona Women Entrepreneurship and Training) from Sona College of Technology, Tamil Nadu won the award under the 'Women Entrepreneurship' sub theme.

✓ Another college from Tamil Nadu, Paritrana from St. Joseph's College of Engineering won the award for the 'Self Defense' sub theme.

Alfred V. Aho

✓ Lawrence Gussman Professor Emeritus of Computer Science, Alfred V. Aho has won the 2020 Association for Computing Machinery (ACM) A.M. Turing Award, known informally as the "Nobel Prize of computing."

➤ **93rd Academy Awards (Oscars Awards 2021) announced**

✓ The 93rd Academy Awards ceremony, also known as the Oscars Award, took place in Los Angeles on April 25, 2021.

✓ American drama 'Nomadland' won most honours with three awards.

✓ Indian film personalities Irrfan Khan and Bhanu Athaiya were honoured in the "In Memoriam" montage showcased at the event.

✓ **Complete List of Winners:**

1. Best Picture: Nomadland

2. Best Director: Chloe Zhao, Nomadland

3. Best Actress: Frances McDormand, Nomadland

4. Best Actor: Anthony Hopkins, the Father

➤ **"Order of Rising sun"**

✓ The Japanese Government - recently awarded the "Order of Rising Sun" to a Bengaluru based Japanese teacher, Shyamala Ganesh

➤ **'India Biodiversity Award**

✓ The forest range officer of Ramanathapuram subdivision of Gulf of Mannar marine National park, S Satish - has won the 'India Biodiversity Award - 2021'.

➤ **Tuber Man of kerala**

✓ Apart from Satish, Shaji .N.M., fondly called as 'Tuber Man' of Kerala has been awarded in the individual category of 'Conservation of domesticated species'.

➤ **Krishi Avam Paristhitiki Vikas Sansthan (KRPAVIS) won the award under the category 'Sustainable Use of Biological Resources'**

✓ Khonoma Nature Conservation & Tragopan Sanctuary (KNCTS) in Nagaland won the award under 'Sustainable Use of Biological Resources' category.

- **Andrea Meza crowned 69th Miss Universe 2020**
 - ✓ **Miss Mexico, Andrea Meza**, has been crowned as the 69th Miss Universe 2020.
- **Maria Ressa** has been named as the 2021 laureate of the UNESCO/Guillermo **Cano World Press Freedom Prize**.
- **Anupam Kher won the Best Actor** award for his performance in the short film Happy Birthday at the New York City International Film Festival.
- **Green Urja Award**
 - ✓ **Indian Renewable Energy Development Agency Ltd (IREDA)** has been conferred with the “Green Urja Award”
- **Whitley Awards 2021**,
 - ✓ An environmentalist from Nagaland’s remote Longleng district, **Nuku Phom** has won this year’s Whitley Awards 2021.
- **Finland’s version of the Nobel science prizes.**
 - ✓ Two British chemists (**Shankar Balasubramanian and David Klenerman**)
 - ✓ who developed a super-fast DNA sequencing technique that paved the way for revolutionary healthcare advances were awarded Finland’s version of the Nobel science prizes.
- **International Eni Award 2020 (also called the Energy Frontier award).**
 - ✓ Noted Indian scientist and Bharat Ratna Professor, **C.N.R. Rao** has been felicitated with the International Eni Award 2020 (also called the Energy Frontier award).
- **2021 Princess of Asturias Award’**
 - ✓ Indian economist and Nobel Laureate, **Amartya Kumar Sen** has been conferred with the ‘ 2021 Princess of Asturias Award’ by Spain in the social sciences category.
- **Arline Pacht Global Vision Award for 2021**
 - ✓ **Justice Gita Mittal**, the former chief justice of J&K high court is the first Indian jurist to receive this award
- **“Princess of Asturias Award”**
 - ✓ Indian economist and Nobel Laureate, Amartya Kumar Sen - was conferred with “**Princess of Asturias Award**” in social sciences category
 - ✓ He was selected for the Spain’s top prize, out of 41 candidates from 20 countries, for his best-known work- “**Poverty and Famines**”.
 - ✓ In this acclaimed work, Sen has demonstrated, “hunger is not a result of lack of food, but is result of inequalities in its mechanisms of distribution.
- **Pulitzer Prize**
 - ✓ **Megha Rajagopalan** of BuzzFeed News, an Indian-origin journalist along with two other colleagues, Alison Killing and Christo Buschek – won the US’ top journalism award ‘**Pulitzer Prize**’ in the International reporting category.

- **Acclaimed journalist, P. Sainath - was chosen as one of the three recipients of Fukuoka Prize 2021**
 - ✓ Sainath was awarded for his work of creating a new form of knowledge through his writings and commentaries on rural India and for “promoting civil cooperation”.
 - ✓ The Fukuoka Prize is given annually to distinguished people to increase awareness of Asian cultures, and for facilitating exchange and mutual learning among the Asian people.
 - ✓ The Grand Prize has earlier been awarded to **Muhammad Yunus** from Bangladesh, **historian Romila Thapar**, and sarod **maestro Amjad Ali Khan**.
- **Temple city grabs five spots in India Smart Cities Award Contest - 2020**
 - ✓ The Tirupati Smart City bagged first place in two categories, besides grabbing the second and third spots in the India Smart Cities Award Contest (ISAC) - 2020.

Renowned Odia poet, Dr Rajendra Kishore Panda - has been awarded Kuvempu Rashtriya Puraskar 2020

- **First Blue Carbon Project**
 - ✓ Two Indian organizations, Aadhimalai Pazhangudiyinar Producer Company Limited and Snehakunja Trust - are announced among the 10 winners of the prestigious **Equator Prize for their work in the field of conservation and biodiversity**
 - ✓ Aadhimalai Pazhangudiyinar Producer Company Limited is a 1,700-member cooperative, managed and run entirely by Indigenous people from the **Nilgiri Biosphere Reserve in Southern India**
 - ✓ After restoring 375 hectares of mangroves, Snehakunja Trust is currently working on the **first blue carbon project in India**.
- **Lokamanya Tilak Award**
 - ✓ **Dr Cyrus Poonawalla**, chairman of the Pune-based vaccine maker Serum Institute of India (SII) - to be honoured with the **prestigious Lokmanya Tilak National Award for 2021**.
- **The 144 Gallantry awards include:**
 - ✓ Ashok Chakra: Babu Ram (posthumously), ASI, Jammu and Kashmir Police.
 - ✓ Kirti Chakra: Altaf Hussain Bhat (posthumously), Constable, J&K Police.
- **List of awardees of Ramon Magsaysay Awards 2021:**
 - ✓ **Muhammad Amjad Saqib:** A visionary who founded one of the largest microfinance institutions in Pakistan, servicing millions of families.
 - ✓ **Firdausi Qadri:** A Bangladeshi scientist who has been instrumental in discovering vaccines that have saved millions of lives.
 - ✓ **Steven Muncy:** A humanitarian who has been helping the displaced refugees of Southeast Asia rebuild their lives
- **Vinisha Umashankar**, studying at Class 10 in a private school in Tiruvannamalai, has won the prestigious **Children's Climate Prize last year** for designing the mobile ironing cart using solar panels to power a steam **iron box rather than conventional charcoal**
- **Indian climate activist Shyam Sundar Jyani gets prestigious UN Land for Life Award 2021**

- ✓ Rajasthan-based climate activist **Shyam Sundar Jyani's** environment conservation concept '**Familial Forestry**' has won the 2021 United Nations Land for Life Award. This award was conferred by the United Nations Convention to Combat Desertification (UNCCD).
- **Politician-writer M Veerappa Moily, Tamil writer Imaiyam and poet Arundhati Subramaniam** - were among the 20 authors who received the Sahitya Akademi Award for 2020 at a ceremony on September
- **Sahitya Akademi Fellowship 2021**
 - ✓ English author Ruskin Bond, Hindi writer **Vinod Kumar Shukla**, and Malayalam literary critic M Leelavathy are among the eight writers who have been selected for the **prestigious Sahitya Akademi Fellowship 2021**.
 - ✓ The Fellowship is awarded to '**literary persons of outstanding merit**'.
- Brigadier SV Sarasvati receives National Florence Nightingale Award 2020**
 - ✓ **Brigadier SV Sarasvati**, the Deputy Director-General of Military Nursing Service has been bestowed with the **National Florence Nightingale Award 2020**.
 - ✓ According to the press statement by the Defence Ministry on September 20, 2021, the President of India Ram Nath Kovind conferred the award to SV Sarasvati in a virtual ceremony.
- **Winners of Shanti Swarup Bhatnagar Prize 2021 announced**
 - ✓ The names of 11 scientists, who received the country's highest science award **Shanti Swarup Bhatnagar Prize for science and technology 2021** were announced on 26 September 2021.
 - ✓ The prize is given to Indian scientists below the age of 45 for outstanding research in seven fields – Biology, Chemistry, Environment Science, Engineering, Mathematics, Medicine, and Physics.

Here is the list of 11 scientists awardees:

- **Biological Sciences category:**
 - ✓ **Dr Amit Singh**, department of microbiology and cell biology, Indian Institute of Science, Bengaluru.
 - ✓ **Dr Arun Kumar Shukla**, department of biological sciences and bioengineering, Indian Institute of Technology Kanpur.
- **Chemical sciences category:**
 - ✓ Two researchers from the Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, **Dr Kanishka Biswas** from the International Centre of Materials Science and **Dr T Govindaraju**, from the Bio-organic Chemistry Laboratory, announced as recipients.
- **Earth, Atmosphere, Ocean and Planetary Sciences category:**
 - ✓ **Dr Binoy Kumar Saikia** from Coal and Energy Research Group, CSIR North East Institute of Science and Technology, Jorhat, was named recipient.
- **Engineering sciences category:**
 - ✓ **Dr Debdeep Mukhopadhyay**, Department of Computer Science and Engineering, Indian Institute of Technology Kharagpur, received the award under the engineering sciences category.
- **Mathematical sciences category:**

- ✓ **Dr Anish Ghosh**, school of mathematics, Tata Institute of Fundamental Research, Mumbai.
- ✓ **Dr Saket Saurabh**, The Institute of Mathematical Sciences, Chennai, were announced winners.
- **The 2021 Global Goalkeeper Award:**
 - ✓ **Phumzile Mlambo-Ngcuka**, former United Nations under-secretary-general and executive director of UN Women.
 - ✓ She has been honoured for fighting for **gender equality and her continued advocacy to address the Covid-19 pandemic's disproportionate impact on women and girls.**
 - ✓ This award recognises a leader who has driven progress on a global scale toward achieving sustainable development goals (SDGs).
- **The Golden Rock Railway Workshop (GOC)**, Tiruchchirappalli has bagged 22nd National Award for Excellence in Energy Management from the Confederation of Indian Industry (CII) for having adopted and implemented various energy conservation measures.
- **Nobel Prize for Medicine - 2021**
 - ✓ David Julius and Ardem Patapoutian have been jointly awarded the Nobel Prize in Physiology or Medicine 2021.
 - ✓ The US scientists have won for their discoveries on receptors of temperature and touch.
 - ✓ The Nobel Prize 2021 for other disciplines including Physics, Literature, Peace will be announced in the coming days.
- **Nobel Prize for Physics - 2021**
 - ✓ Three scientists – **Syukuro Manabe** (Japan) of Princeton University, **Klaus Hasselmann** (Germany) of Max Planck Institute of Meteorology, and **Giorgio Parisi** (Italy) of Sapienza University of Rome.
- **Nobel Prize for Chemistry-2021**
 - ✓ German scientist Benjamin List and British scientist David WC MacMillan - were awarded the Nobel Prize for Chemistry for developing "asymmetric organo catalysis" - a tool to build molecules
- **Nobel Prize for Literature - 2021**
 - ✓ Novelist **Abdul razak Gurnah** has been awarded the Nobel Prize in Literature 2021.
 - ✓ He has been honoured for his uncompromising and compassionate penetration of the effects of colonialism and the fate of the refugees.
 - ✓ Gurnah has published 10 novels along with a number of short stories.
 - ✓ His **4th novel 'Paradise', published in 1994, turned out to be his breakthrough as a writer.**
- **Nobel Prize for Economics - 2021**
 - ✓ Three US-based economists, **David Card, Joshua D Angrist and Guido W Imbens** - won the 2021 Nobel prize for economics on October, 2021 for work on drawing conclusions from unintended experiments, or so-called "**natural experiments**".
- **Nobel Peace Prize-2021.**
 - ✓ **Journalists Maria Ressa** of the Philippines and **Dmitry Muratov** of Russia - won the 2021 Nobel Peace Prize for their **fight for freedom of speech.**
- **Shiv Nadar to be awarded Global Leadership Award 2021**

- ✓ The US India Business Council (USIBC) has chosen Shiv Nadar and Mallika Srinivasan as the recipient of its 2021 Global Leadership Award.
 - ✓ Shiv Nadar is the founder and chairman emeritus of HCL Technologies Limited. Mallika Srinivasan is the chair and managing director, Tractors and Farm Equipment Limited (TAFE).
- **Indian Organisation LIFE receives 2021 Right Livelihood Award.**
- ✓ The Delhi-based environmental organisation “Legal Initiative for Forest and Environment (LIFE)” has been felicitated with the 2021 Right Livelihood Award, an international honour, also known as Sweden’s alternative Nobel Prize.
- **Yidan Prize for Education Development.**
- ✓ India’s Dr Rukmini Banerji and US Professor Eric A. Hanushek - were selected recently as the recipients of the 2021 Yidan Prize for Education Research.
- **Parambikulam Tiger Reserve.**
- ✓ The Parambikulam Tiger Conservation Foundation - has won **the Earth Guardian Award** for its efforts in supporting the conservation of tigers and biodiversity
 - ✓ The theme for the year 2021 awards is “**Biodiversity - a resilient nature is the foundation on which all climate mitigation and adaptation efforts must be raised.**”
- **Satyajit Ray Lifetime Achievement Award.**
- ✓ At the 52nd International Film Festival of India (IFFI), film directors **Martin Scorsese** and **Istvan Szabo** will be honoured with the prestigious Satyajit Ray Lifetime Achievement Award.
 - ✓ IFFI will be held in Goa from November 20 to 28, 2021. OTT platforms will also be invited for the first time to the festival.
- **Global Peace Photo Award.**
- ✓ Seven-year-old Aadhyaa Aravind Shankar from Malleswaram, Bengaluru - won the Children’s Peace Image of the Year-Global Peace Photo Award.
- **Telugu Filmmaker B Gopal Chosen for Satyajit Ray Award**
- ✓ Renowned Telugu filmmaker B Gopal has been chosen for the **4th Satyajit Ray Award** for his contribution to Indian cinema.
 - ✓ He was presented with the award on October 13 in Hyderabad.
 - ✓ Gopal has been selected by a panel comprising Malayalam filmmaker Balu Kiriyaath, music director Perumbavoor G Raveendranath and others.
- **KidsRights International Children’s Peace Prize**
- ✓ Indian brothers Vihaan and Nav Agarwal - won a prestigious children's prize for their project that aims to reduce waste and pollution and plant trees in their home city of New Delhi.
 - ✓ The teenage boys were handed the 2021 KidsRights International Children’s Peace Prize by Indian Nobel Peace Prize laureate Kailash Satyarthi at a ceremony in The Hague, Netherlands.
- **52nd International Film Festival of India**
- ✓ Union minister for information & broadcasting Anurag Thakur - presented the Indian Film Personality of the Year 2021 Award to MP & actress Hema Malini at the 52nd International Film Festival of India, Panaji.

- ✓ The festival was embracing new technology by including, for the first time, OTT (over the top) platforms.
- ✓ The IFFI also conferred the first 'Satyajit Ray Lifetime Achievement' award on filmmakers Martin Scorsese and Istvan Szabo.
- **Vir Chakra**
 - ✓ IAF Group Capt Abhinandan Varthaman awarded Vir Chakra.
 - ✓ Indian Air Force ace pilot Group Captain Abhinandan Varthaman was awarded the Vir Chakra in an investiture ceremony on 22 November 2021.
 - ✓ Varthaman shot a Pakistan F-16 fighter aircraft during aerial combat on February 27 a day after the Balakot airstrike in 2019.
 - ✓ Vir Chakra is the third highest wartime gallantry medal in India.
- **Indira Gandhi Peace Prize 2021**
 - ✓ Pratham NGO has been awarded the Indira Gandhi Peace Prize 2021 for its work on expanding the scope for education in India.
 - ✓ It's pioneering work for more than a quarter-century in ensuring that every child has access to quality education. Its innovative use of digital technology to deliver education.
 - ✓ It's regular evaluation of the quality of education. It's timely response in making children learn amid Covid-19 restrictions.
- **Tata Literature Live! Lifetime Achievement Award**
 - ✓ India's one of the best-selling authors, Anita Desai has been conferred with the Tata Literature Live! Lifetime Achievement Award for 2021 to recognise her long literary career which spans over 50 years.
- **UNESCO-ABU Peace Media Awards**
 - ✓ Doordarshan and All India Radio received multiple awards at the recently held ABU - UNESCO Peace Media Awards-2021 in Malaysia in November 2021.
 - ✓ AIR's programme 'Living on the edge - The coastal lives' won an award in the category of 'Ethical and Sustainable Relationship with Nature'.
- **Gallants of Galwan**
 - ✓ President Ram Nath Kovind - conferred the Maha Vir Chakra to the "Gallants of Galwan" at an investiture ceremony in Rashtrapati Bhavan on November 23.
 - ✓ Colonel Bikumalla Santosh Babu, the then commanding officer of 16 Bihar, was posthumously conferred with the nation's second-highest wartime gallantry medal Maha Vir Chakra.
 - ✓ Vir Chakra is the country's third-highest wartime gallantry award.
- **Knighthood of Parte Guelfa**
 - ✓ Dr S K Sohan Roy from Kerala, CEO, and founder of Aries Group of Companies has become the first Indian to be honoured with the Knighthood of Parte Guelfa for his humanitarian and Environmental protection efforts in business and movies.
- **UNESCO Heritage Awards**
 - ✓ The UNESCO recently presented two Heritage Awards to the Nizamuddin Basti Project. The project was awarded for its conservation efforts.
 - ✓ It was awarded with the Special Recognition for Sustainable Award and Award of Excellence.

➤ **Jnanpith Award**

- ✓ Acclaimed Assamese poet Nilmani Phookan Jr and Konkani novelist Damodar Mauzo - won the 56th and 57th Jnanpith Award respectively.
- ✓ The country's highest literary award, the Jnanpith, is bestowed on writers for "their outstanding contribution to literature".

➤ **Young Geospatial Scientist**

- ✓ IIT-Kanpur Scientist Ropesh Goyal has won the "Young Geospatial Scientist" award for his unique contribution to developing the Indian Geoid Model and computation software.

➤ **Columbia Journalism School**

- ✓ Columbia Journalism School award for Malini Parthasarathy.

➤ **Highest Civilian Award - Ngadag Pel gi Khorlo**

- ✓ Bhutan conferred PM Modi with the country's Highest Civilian Award- Ngadag Pel gi Khorlo.
- ✓ Diplomatic relations between the two countries were established in 1968.

➤ **Global Entrepreneur of the Year Award**

- ✓ Aditya Birla Group's Chairman, Kumar Mangalam Birla received the Global Entrepreneur of the Year Award- Business Transformation from The Indus Entrepreneurs (TiE) on 16 Dec 2021.
- ✓ He is the first Indian Industrialist to receive the award.

➤ **BBC Sports Personality of the Year 2021**

- ✓ US Open champion Emma Raducanu has been voted BBC Sports Personality of the Year 2021.

➤ **UN Women's Award for Leadership Commitment**

- ✓ Divya Hegde has won the UN Women's Award for Leadership Commitment at the 2021 Regional Asia-Pacific Women's Empowerment Principles Awards ceremony.
- ✓ She has been recognized for her efforts for promoting gender equality through climate action.

➤ **Writing with Fire**

- ✓ Delhi-based Sushmit Ghosh and Rintu Thomas's debut documentary feature 'Writing with Fire' - has been shortlisted in the documentary section of the next round of the Oscars.
- ✓ This documentary is about a newspaper 'Khabar Lahariya' started as a social experiment by an NGO.
- ✓ It is India's only rural newspaper run by Dalit women since 2002.

➤ **Mother Teresa Memorial Award for 2021**

- ✓ Environmentalist Dr Anil Prakash Joshi, who was conferred upon the Padma Bhushan this year, has been awarded the Mother Teresa Memorial Award for Social Justice 2021.

➤ **South African of the Year Award**

- ✓ Indian-origin philanthropist and founder of disaster relief group 'Gift Of The Givers', Dr. Imtiaz Sooliman has won the South African of the Year Award run by the Daily Maverick newspaper.

➤ **Global Environment and Climate Action Award**

- ✓ Surat's industrialist Viral Desai, popularly known as Greenman, has been awarded the prestigious Global Environment and Climate Action Citizen Award in Dubai.

AWARDS - 2022

➤ **Mumbai Press Club's RedInk Award 2020**

- ✓ Photojournalist Danish Siddiqui, who died during an assignment in Afghanistan, has been posthumously awarded as the 'Journalist of the Year' for 2020 by the Mumbai Press Club.
- ✓ Chief Justice of India, N V Ramana presented the annual 'RedInk Awards for Excellence in Journalism'.

✓ **International Craft Award 2021**

- ✓ Kerala Arts and Crafts Village Organization (KACV) from Kovalam, Kerala was awarded the 'International Craft Award for 2021' for the best craft village in the world by the World Crafts Council International.

➤ **National Startup Awards (NSA) 2021**

- ✓ India Accelerator has received the 'Best Accelerator of the Country' award at The National Startup Awards (NSA) 2021 hosted by Startup India.
- ✓ It is one of the country's premier seed accelerators and the only one associated with GAN (Global Accelerator Network).

➤ **Netaji Award 2022**

- ✓ Former Japan Prime Minister Shinzo Abe was conferred with the Netaji Award 2022 by Netaji Research Bureau.
- ✓ Consul General of Japan in Kolkata Nakamura Yutaka received the honour on behalf of Mr. Abe at a function at the Elgin Road residence of Netaji Subhas Chandra Bose on his 125th birth anniversary.

➤ **Dhaka International Film Festival**

- ✓ P S Vinohraj directed film Koozhangal from India won the best film award in the Asian Film Competition section at the 20th Dhaka International Film Festival.

➤ **Padma Vibhushan Awards**

On January 25, the central government - announced the Padma awards on the eve of the country's 73rd Republic Day

- ✓ India's first Chief of Defence Staff, General Bipin Rawat, who died in a chopper crash in Tamil Nadu last year, Congress leader Ghulam Nabi Azad, Tata Sons chairman N. Chandrasekaran, former Comptroller and Auditor General Rajiv Mehrishi and the late Radheshyam Khemka were among 54 prominent personalities who were given the Padma awards by President Ram Nath Kovind on Monday.
- ✓ Many of the Padma awardees were "unsung heroes", including the 125-year-old yoga practitioner Swami Sivananda.

- **Devendra Jhajharia**
- ✓ Devendra Jhajharia has become the first para-athlete to receive the Padma Bhushan, the country's third-highest civilian award.
- ✓ He has won many Paralympic medals, including his first gold at the 2004 Paralympics in Athens.
- **Avani Lekhara**
- ✓ Avani Lekhara, a para-shooter, was also awarded the Padma Shri award in the sports category.
- ✓ She is the first Indian woman to win two Paralympic medals in the same Games.

- **The Crossing**
- ✓ Indian-origin author Manjeet Mann - has been shortlisted for her children's book 'The Crossing' for the UK's prestigious Yoto Carnegie Medal.
- ✓ Mann, a UK-based author, has been previously shortlisted for the prize for her debut children's novel 'Run, Rebel'.
- ✓ 'The Crossing' is her second novel and recently won the 2022 Costa Children's Book Award.

- **Abel Prize 2022**
- American mathematician, Dennis Parnell Sullivan - has been announced as the winner of the Abel Prize 2022.
- ✓ The Prize was given to him "for his groundbreaking contributions to topology.
- ✓ Topology is a branch of mathematics that considers two objects of different shapes equivalent if they can be deformed into one another through shrinking, stretching and similar forces.
- ✓ This award is equivalent to 'Nobel' Prize in the field of Mathematics, as there is no Nobel Prize for mathematics.

- **94th Academy Awards**
- ✓ Indian-American producer Joseph Patel - won an Oscar in the Best Documentary Feature category at the 94th Academy Awards held at the Dolby Theatre in Los Angeles on March 27, 2022.

- **Stockholm Water Prize 2022**
- ✓ **Professor Wilfried Brutsaert - is awarded the Stockholm Water Prize 2022, for his important contribution in understanding the effects of climate change on our planet. Professor Brutsaert is the Professor Emeritus of Civil and Environmental Engineering at Cornell University, New York.**

- **Mukta Arya**
- ✓ On January 25, the Election Commission - honoured IAS officer Mukta Arya with the Best Electoral Practices Award on the occasion of 12th National Voters' Day.

- **Satyabrata Sahoo**
- ✓ Chief Electoral Officer of Tamil Nadu Satyabrata Sahoo has been selected for the national award under the category of best-performing State.
- ✓ This award is for overall performance in various areas of election management during the legislative assembly elections in the state during 2021.

- **Tableau of Uttar Pradesh**

The tableau of Uttar Pradesh - has been selected as the best tableau among the 12 States/UTs which participated in the Republic Day parade.

➤ **Writing With Fire**

- ✓ Indian documentary 'Writing With Fire' - has been *nominated* in the Best Documentary Feature category at the 94th edition of the *Academy Awards*.
- ✓ It is also the only Indian film to earn the nomination this year.

➤ **Voice of Customer Recognition**

- Seven Indian airports - have been chosen for 'Voice of Customer Recognition' under Airports Council International (ACI) World's Voice of the Customer initiative
- ✓ The seven AAI airports that were chosen after participating in ACI-ASQ survey in 2021 includes Chennai, Kolkata, Goa, Pune, Patna, Bhubaneswar & Chandigarh
 - ✓ Airport Service Quality (ASQ) survey is the world-renowned and internationally established global benchmarking programme.

➤ **Neena Gupta**

- ✓ The Ramanujan Prize for Young Mathematicians for the year 2021 has been conferred upon Professor Neena Gupta, a mathematician of the Indian Statistical Institute in Kolkata.
- ✓ She has received the award for her outstanding work in affine algebraic geometry and commutative algebra.
- ✓ Prof Gupta is the fourth Indian and second female winner of the award from the country.

➤ **Professor Deepak Dhar**

- ✓ Professor Deepak Dhar has become first Indian to win Boltzmann Medal.
- ✓ He shares the medal with John J Hoefield of Princeton University.
- ✓ Professor Dhar is a physicist.
- ✓ Boltzmann Medal is given for contributions in the field of statistical physics.

TAMILNADU - AWARDS

➤ **Chief Minister Edappadi K. Palaniswami - conferred awards to scholars, organisations and media houses that contributed to the development of Tamil language**

- ✓ Thiruvalluvar Award for 2021 was presented to former Minister Vaigaichelvan, while Thanthai Periyar Award for 2020 was given to A. Tamilmagan Hussain and Annal Ambedkar Award to Varagur A. Arunachalam
- ✓ Kudiyarasu Janarthanan received the Perarignar Anna Award on behalf of his father Kadambur M.R. Janarthanan, who passed away recently.
- ✓ S. Devaraj received the Perunthalaivar Kamarajar Award
- ✓ Mahakavi Bharathiyar Award was conferred on poet Poovai Senguttuvan

- ✓ Arivumathi alias Mathiyazhagan and V. N. Samy received Pavendhar Bharathidasan Award and Thamizhthendral Thiru. Vi.Ka. Award respectively.
- ✓ Muthamizhkavalar K.A.P. Viswanathan Award was awarded to V. Sethuramalingam.
- ✓ These awards consist of a cheque for 1 lakh, a sovereign of gold medal, a shawl and a citation
- ✓ V.G.P. Ulaga Tamil Sangam received the Thamizhthai Award, which carries a cheque for 5 lakh, a shield, a shawl and a citation

➤ **Kalaichemmal Awards**

- ✓ The Tamil Nadu government - has increased the number of recipients for **Kalaichemmal Awards to six** from the existing **two**.
- ✓ The state in recognition of their meritorious service in the fields of paintings and sculpture in traditional and contemporary arts.
- ✓ The cash award for the honour has also been revised to Rs. 1 lakh from the existing Rs. 50,000.

➤ **Ilakiya Chuvadugal**

- ✓ 87-year old Tamil writer A. Madhavan, who won the Sahitya Akademi award in 2015, died in Thiruvananthapuram on Jan 5.
- ✓ The Sahitya Akademi conferred the award for his collected prose writings 'Ilakkiya Chuvadukal'.

➤ **Anna Medal for Gallantry**

- ✓ **P. Mullai**, a school teacher who risked her life to save her 26 students from an explosion at the Pulivalam Government High School in Sholinghur, Ranipet district.
- ✓ **Prakash**, a forest veterinary surgeon who rescued an elephant that plunged into a 60-ft-deep well.
- ✓ **J. Suresh**, a loco pilot of Vaigai Express who noticed boulders on railway tracks and saved over 1,500 passengers.
- ✓ **R. Pugazendiran**, a cab driver from the Nilgiris, who acted swiftly to save the life of an injured policeman.

➤ **Azhagu Pandian Raja MP as its innovation officer**

- ✓ He will be responsible for giving shape to the 'innovative' solutions provided by the general public.

➤ **Kalaimamani Awards 2021**

- ✓ The Kalaimamani Awards are given by the Tamil Nadu Iyal Isai Nataka Manram, a unit of the Directorate of Art and Culture, to recognise artists in the state for their achievements
- ✓ Dancer **Chitra Visweswaran** is the secretary of the Tamil Nadu Iyal Isai Nataka Mandram and Film music director Deva is the chairman of the institute
- ✓ Veteran cine actors **B. Saroja Devi** and Sowcar Janaki, noted playback singers P. Susheela and Jamuna Rani and Bharatanatyam artistes Ambika Kameshwar and Parvathi **Ravi Ghantasala** have been named for the Puratchi Thalaivi Dr. J. Jayalalithaa Special Kalaimamani Awards for 2019 and 2020 by the Tamil Nadu government.

➤ **Tamil Nadu Chief Minister M K Stalin** - presented various awards on the occasion of the Independence Day on August 15, 2021

- ✓ **Kalpna Chawla award for Courage and Daring Enterprise** was presented posthumously to **Dr P Shanmugapriya (late) Medical Officer**, Anuppanadi, Primary Health Centre, Madurai, which was accepted by her Husband.
- ✓ **APJ Abdul Kalam award** was presented to **Dr M Lakshmanan**, Professor of Eminence, Bharathidasan University
- ✓ **Dr M Lakshmanan** is a specialist in the field of non-linear dynamics in Theoretical Physics and has been named in the top 2% of World Scientists as per California Stanford University' recent list.
- ✓ **Avvaiyar award** was given to **Dr D Santhi Duraisamy** who is in the business of pure spice and masala powder manufacturing in recognition of her service to the disabled and other social service activities
- ✓ **Best Third Gender award** was conferred on **Grace Banu**, Thoothukudi, for services rendered towards the welfare of society.
- ✓ **Thanjavur received the best municipal corporation award**
- ✓ **Udhagamandalam, Tiruchengode and Chinnamanur** received first, second and third prizes for the best municipalities in the State
- ✓ **Best Town Panchayat awards** were given to **Kallakudi (Trichy), Melapattampakkam (Cuddalore) and Kottaiyur (Sivagangai)** respectively.
- ✓ **The Chief Minister's State Youth Award** was presented to **Aravind Jayabal, Chennai district, N Bazurudeen, Thiruvarur district, S Ranjith Kumar, Nilgiris district, G Maheswari, Dindigul district, J Amala Jenifer Jayarani, Cuddalore district and S Meena, Chennai district.**
- ✓ **The Chief Minister's Best Practices Award** for taking personal efforts was conferred to **K. Narayanasamy, Director, Government Corona Hospital, Guindy for restructuring the National Institute of Ageing building at the King Institute Campus into a dedicated hospital for Covid-19 patients.**
- ✓ **J. Partheeban, District Reveue Officer, Vellore district**, was presented the award, for simplifying land acquisition process using e-modules and ensuring transparency in fixation of compensation.
- ✓ **The Holy Cross Service Society, Tiruchirapalli, P. Padmapriya, Medical Officer, Salem, social worker Maria Aloysius Novamoney, Nagercoil, We are Your Voice, Chennai, and Erode Central Co-operative Bank** were awarded for **Exemplary Service for the Welfare of the Differently Abled.**

- ✓ The Chief Minister also gave away Chief Minister's State **Youth Award**, awards for **police and fire personnel**.
- **On August 14, the Chief Minister had presented the first Thagaisal Thamizhar Award to veteran Communist leader and centenarian, N. Sankaraiah alongwith a cheque of Rs. 10 lakh.**
- **Sahitya Akademy Awards**
 - ✓ Two Tamil writers – **TES Raghavan and K Chellappan** – have been chosen for the **Sahitya Akademi prize** for translation for the year 2020.
- **CM lauds winners of Sahitya Akademi**
 - ✓ Chief Minister M.K. Stalin on Saturday commended the winners of the **Sahitya Akademi Prize for Translation**, who has translated Tamil works in other languages and vice versa.
 - ✓ He extended his greetings to **K. Chellappan**, who translated Rabindranath Tagore's Bengali novel **Gora in Tamil**;
 - ✓ **T.E.S. Raghavan**, who translated saint-poet **Thiruvalluvar's Tirukkural in Hindi**
- **Chennai-based NGO, The Banyan - has received the 2021 Dr. Guislain 'Breaking the Chains of Stigma Award'.**
 - ✓ The award is named after Belgian psychiatrist Dr Joseph Guislain (1797-1860)
 - ✓ The Banyan is the second organisation from India to receive the coveted award.
- **TVS Motor Company wins India Green Energy Award**
 - ✓ TVS Motor Company has been recognized in the category 'Outstanding Renewable Energy User' at the 3rd edition of the India Green Energy Award 2020 by the Indian Federation of Green Energy (IFGE).
- **Parambikulam Tiger Conservation Foundation wins Earth Guardian Award**
 - ✓ Eight winners of the award were felicitated by secretary general of "UN Convention on International Trade in the Endangered Species of Wild Fauna & Flora", Ivonne Higuero in a virtual ceremony.
- **Kalaignar Porkizhi Award**
 - ✓ It is an annual literature award bestowed for Tamil and other language writers at book fair organized by the Booksellers and Publishers Association of South India (BAPASI) since 2008.

Abi	Poem
Rajendra Cholan	Fiction
S Ramakrishnan	Dialogue
Veli Rangarajan	Drama
Marudha Nayagam	English
Nadith Sakiya	Other Indian Language (Kashmiri)

- **25th Puthumaipithan Memorial Award**

✓ Dalit historian and writer Stalin Rajangam and feminist poet Sukirtharani have been chosen for the 25th Puthumaipithan Memorial Award by Vilakku Ilakkiya Amaippu, a U.S.-based forum, for 2020.

➤ **Thooya Tamizh Patralar Award**

- ✓ 18-year-old V Varatharajan wins 'Thooya Tamizh Patralar' award.
- ✓ The Thooya Tamizh Patralar award instituted by the Tamil Nadu government, has been conferred on V Varatharajan, an 18-year old student from Melur.
- ✓ The award was instituted to honour those who use pure Tamil in daily life.

➤ **Tamil Film Koozhangal**

- ✓ Tamil film Koozhangal selected to be screened at IFFI 2021, the Indian Panorama segment in the 52 International Film Festival Goa.
- ✓ Koozhangal is also India's official entry for Academy Award for Oscars.

➤ **Vir Chakra Award - Tamil Nadu soldier**

- ✓ More than 20 Indian soldiers were killed in a clash between Chinese and Indian forces in the Kalwan Valley on June 15 last year.
- ✓ Palani from Tamil Nadu was one of the notables. The Vir Chakra award was given in his honour.

Thanthai Periyar & Dr Ambedkar Award

On January 13, Chief minister M K Stalin - announced the state government's Thanthai Periyar award for social justice to Dravidian scholar and historian K Thirunavukkarasu and Dr Ambedkar award to retired judge of Madras high court, Justice K Chandru.

Kumari Ananthan

On January 15, Tamil Nadu government - has chosen veteran Congress leader Kumari Ananthan for Perunthalaivar Kamarajar award for 2021.

Making the announcement, Chief Minister M K Stalin said the annual Ayyan Thiruvalluvar award would be given to All India Tamil Sanga Peravai president M Meenakshi Sundaram. Each award carries a cash prize of 1 lakh, a gold medal and a citation.

Semmozhi Tamil Awards

Semmozhi Tamil Awards presented to 10 scholars.

The awards are presented by the Kalignar M. Karunanidhi Tamil Aivu Arakkatalai, which was set up by the former Chief Minister after the Central Institute of Classical Tamil was set up in 2008.

Mr. Stalin said Medavakkam-Sholingallur Link Road, which houses the new campus, will be called 'Semmozhi Salai' and added that the Semmozhi Tamil Chair would be created in five universities in South East Asia.

Padma Shri award for 2022 - TN

Seven eminent persons from Tamil Nadu - have been conferred with Padma Shri award for 2022 for their achievements in the fields of arts, social work and medicine.

The seven Padma Shri awardees are Sirpi Balasubramaniam for Literature and Education, S Damodaran for Social Work, S. Ballesh Bhajantri, Sowcar Janaki, R. Muthukannammal and A.K.C.Natarajan for Art, and Dr.Veeraswamy Seshiah for medicine.

Awards For Scholars

Chief Minister M.K. Stalin on Wednesday announced the 2021 awards for scholars, organisations and media houses that contributed to the development of Tamil language.

In a statement, he said from this year the award money has been increased to 2 lakh from 1 lakh each. The award-winners will be honoured with a one-sovereign gold medal, a shawl and a citation.

Perarignar Anna Award will be presented to Nanjil Sampath while Mahakavi Bharathiyar Award will be conferred on Bharathi Krishnakumar.

Pavendhar Bharathidasan Award will be presented to Senthalai Gowthaman while Sollin Selvar Award will be given to Surya Xavier.

Madukkur Ramalingam has been chosen for Singaravelar Award and Malaysian Tamil Writers Association for Thamizhthai Award.

As per the announcement, Thiruvalluvar Award will be conferred on Sanjeevirayar and Si Pa Aditanar Award will be presented to Uyirmmmai magazine.

Bharathi Baskar will be presented Kambhar Award while G.U. Pope Award will be given to veteran journalist and former Readers' Editor of The Hindu A.S. Panneerselvan.

Maraimalai Adigalar Award will be presented to Suki Sivam and Ilango Adigal Award will go to Nellai Kanan. Ayothidas Pandithar Award will be presented to Gnana Aloysius.

Tiger Reserve wins TX2 Award

The Sathyamangalam Tiger Reserve in Tamil Nadu has been awarded the international TX2 Award for doubling its tiger population since 2010.

It is located in Erode district, and now houses 80 tigers in its 1408 sq. km campus.

Nepal's Bardia National Park was also jointly conferred the award, for doubling its population of wild tigers.

Nari Shakti Puraskar

Three women from Tamil Nadu - will receive the Nari Shakti Puraskar from President Ram Nath Kovind at a special ceremony at Rashtrapati Bhavan in New Delhi on March 8, International Women's Day.

While Jaya Muthu and Tejamma, artisans of Toda embroidery, will be conferred the award for 2020, psychiatrist and researcher Dr Thara Rangaswamy will receive the award for 2021.

Various Awards in Recognition of Services

Chief Minister M.K. Stalin on Tuesday presented the Avvaiyar Award for 2022 to social worker Girija Kumarbabu at the Secretariat here, in recognition of her service towards the welfare of women and children.

Mr. Stalin also handed over the 'Bharat Ratna Dr. M.G.R. Traditional Rice Variety Conservator Award' for 2020-21 to S. Moorthy from Namakkal district, K. Ponnu Puthiyavan from Tirunelveli district and P. Lakshmi Devi from Tirunelveli district, along with the cash prize.

Sahitya Akademi Fellowship

Indira Parthasarathy conferred Sahitya Akademi Fellowship.

Mr. Parthasarathy added. A Padma Shri awardee, he has published 16 novels, 10 plays and anthologies of short stories and essays.

He won the Sahitya Akademi Award in 1977 for his novel Kuruthipunal and is the only Tamil writer to have received both the Sahitya Akademi Award and the Sangeet Natak Akademi Award.

➤ **Tamil Chemmal Award**

✓ Madurai Kamaraj University (MKU) professor and head of the department of Tamilology, **Dr B Sathiyamoorthy** - has been selected for the 'Tamil Chemmal' award

✓ **Padma Vibhushan - Tamil Nadu:**

SP Balasubramaniam (Posthumous)	Art
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✓ **Padma Shri - Tamil Nadu:**

P. Anitha	Sports
Subbu Arumugam	Art
Solomon Pappaiah	Literature and Education- Journalism
Ms. Pappammal	Others- Agriculture
Bombay Jayashri Ramnath	Art
K C Sivasankar (Posthumous)	Art
Marachi Subburaman	Social work
P Subramanian (Posthumous)	Trade and Industry
Dr. Thiruvengadam Veeraraghavan (Posthumous)	Medicine
Sridhar Vembu	Trade and Industry

67th National Award Best Actor

☐ The Best Actor award was won by **Dhanush** (shared with Manoj Bajpayee) for his brilliant performance in Vetri Maaran's action drama Asuran, which was also adjudged the Best Tamil Film

☐ **Vijay Sethupathi** won the Best Supporting Actor award for his moving portrayal of a trans-person in the film 'Super Deluxe'.

☐ **D Imman** won the Best Music Direction (Songs) award for his popular songs in the Ajith Kumar-starrer Viswasam

- **R Parthiban**'s experimental film **_Oththa Seruppu Size 7'** won the Special Jury Award and also got its sound designer, the Oscar-winning Resul Pookutty, the Best Audiography award.
- Naga Vishal bagged the Best Child Artist award for his charming performance in the movie **_KD (a) Karuppu Durai'**.
- Chennai-based choreographer **Raju Sundaram** also figured among the winners, as he won the Best Choreographer award for his work in Mahesh Babu's Telugu film Maharishi



PERSONALITIES

➤ Zoya Agrawal

- ✓ Nonstop flight between Bengaluru and San Francisco - to have all-women cockpit crew
- ✓ The inaugural flight is scheduled on January 9
- ✓ The airline has rostered four of its highly-experienced women pilots – Captains Zoya Agrawal, Thanmai Papagari, Sonwane Akanksha and Shivani Manhas

➤ Indian - American Raj Iyer first Chief Information

- ✓ Indian-American Raj Iyer - has taken over as the first Chief Information Officer (CIO) of the U.S. Army after the Pentagon created the new position in July 2020

➤ Rashmi became the first Indian woman

- ✓ Rashmi became the first Indian woman to be elected president of the Oxford University Students' Union

➤ "Green Oscar"

- ✓ Nuklu Phom of Nagaland - has become the only Indian to receive the Whitley Award, also called as 'Green Oscar', for the year 2021.
- ✓ Nuklu Phom is popularly known as the "Amur Falcon Man of Nagaland".
- ✓ Nagaland is called the "Falcon Capital of the World".

➤ First blind Chinese mountaineer climbs Mount Everest

- ✓ The 46-year old China's Zhang Hong has scaled the tallest peak in the world from the Nepal side, becoming the first blind man in Asia and the third in the world to climb Mount Everest.
- ✓ Zhang completed the 8,849 metre-high Himalayan feat on May 24 along with three high altitude guides, and returned to the base camp.

➤ Hong Kong mountaineer, Tsang Yin-hung - recorded "world's fastest ascent of Everest by a woman" in just under 26 hours.

➤ Flying officer Mawya Sudan - has become the 12th woman to be commissioned into the fighter stream of IAF

➤ Sirisha Bandla is the second Indian born woman to fly to space

- ✓ Sirisha Bandla of Indian origin is set to become the second Indian-born woman to fly into space after Kalpana Chawla.

➤ Oliver - Daemen

- ✓ An 18-year old Dutch student, **Oliver Daemen** - to become the youngest person to fly in space with Jeff Bezos' Blue Origin on July.

➤ 'China Room'

- ✓ Indian-origin British novelist Sunjeev Sahota - is among 13 authors longlisted for this year's **Booker Prize for fiction** for his novel '**China Room**'
- ✓ The 40-year-old, whose grandparents emigrated from Punjab in the 1960s, has been previously shortlisted for the 2015 Booker Prize for 'The Year of the Runaways'.

➤ **Professor John Abraham**

Kerala-based Professor John Abraham – gets patent for producing biodiesel from the waste of slaughtered chicken.

➤ **India's Sherpa for G - 20.**

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

➤ **100 most influential people of 2021'**

- ✓ Prime Minister Narendra Modi,
- ✓ West Bengal Chief Minister Mamata Banerjee and
- ✓ Serum Institute of India CEO Adar Poonawalla - by TIME magazine.

➤ **Earthshot Prize finalist, Vinisha Umashankar**

- ✓ Earthshot Prize finalist, Vinisha Umashankar – addressed the World Leaders' Summit on the session "Accelerating Clean Technology Innovation and Deployment", at the COP26 Summit, in Glasgow, Scotland on November 2.
- ✓ A 15-year-old girl from Tiruvannamalai, Vinisha told world leaders to own up at COP26, the United Nations Climate Change Conference, at Glasgow.
- ✓ Vinisha designed 'Iron-Max', a mobile ironing cart that uses solar energy instead of charcoal.

➤ **Devasahayam Pillai**

- ✓ An 18th Century Roman Catholic convert, Devasahayam Pillai – is set to become the first Indian layman to be declared a saint by the Catholic church.

➤ **Nykaa CEO Falguni Nayar**

- ✓ Falguni Nayar, the CEO and founder of beauty and fashion eCommerce platform Nykaa, has become the richest self-made woman in India.
- ✓ She founded Nykaa in the year 2012. She holds 53.5% stake in Nykaa and has a net worth of USD 7.48 billion.

➤ **Harshwanti Bisht**

- ✓ Uttarakhand mountaineer, Harshwanti Bisht - has become the first woman in the history of the Indian Mountaineering Foundation to become its president.

➤ **MC Mary Kom**

- ✓ Olympic medalist and Padma Vibhushan, MC Mary Kom - was selected as brand ambassador of the TRIFED Aadi Mahotsav.

➤ **Person of the Year for 2021**

- ✓ Tesla CEO Elon Musk - was named Time magazine's "Person of the Year" for 2021.

- ✓ During this year, Musk's electric car firm 'Tesla' become the most valuable carmaker in the world and his rocket company 'SpaceX' reached the edge of space with an all-civilian crew.
- **Kumar Mangalam Birla**
- ✓ The USA's Silicon Valley-based The IndUS Entrepreneurs (TiE) has named Kumar Mangalam Birla as the Global Entrepreneur of the Year in business transformation.
- ✓ This makes him the first Indian industrialist to receive the award.

PERSONALITIES - 2022

- **Captain Harpreet Chandi**
- ✓ Captain Harpreet Chandi, a British-born Indian Sikh woman - has made history by becoming the first woman of colour to complete a solo expedition to the South Pole.
- **Maya Angelou**
- ✓ Poet and activist Maya Angelou - becomes the first Black woman to appear on a US coin.
- ✓ Angelou rose to international prominence after the publication of her ground-breaking autobiography, "I Know Why the Caged Bird Sings," with its raw account of rape and racism in the segregated South.
- **Prajakta Koli**
- ✓ Content creator and actress Prajakta Koli become India's first UN Development Programme (UNDP) Youth Climate Champion.
- ✓ She won the title under her partnership with the UNDP.
- ✓ Title has been conferred to her because of her contribution towards mental health, girl child education and women's rights through various global social campaigns.
- **Parkash Singh Badal**
- ✓ Five-time Punjab chief minister Parkash Singh Badal (94 years) - will be the oldest contestant in any election in the country.
- ✓ Earlier, this record was held by former Kerala chief minister VS Achuthanandan who had contested assembly election in 2016 at the age of 92 years.
- **Queen Elizabeth II**
- ✓ Queen Elizabeth II has become the first British monarch to rule for 70 years. She surpassed Louis XIV of France as the longest-reigning monarch of a sovereign state.
- ✓ Elizabeth II is the Queen of the United Kingdom and 14 other Commonwealth realms. On 6 February 1952, Elizabeth became queen after the death of her father King George VI.
- **Gautam Adani**
- ✓ Adani Group chairman Gautam Adani - has become the richest person in India and Asia, surpassing Reliance Industries Ltd's Mukesh Ambani.
- ✓ Adani's net worth stood at \$88.5 billion on February 8 as against Ambani's \$87.9 billion, according to the Bloomberg Billionaires Index
- ✓ With this massive spike, Adani has overtaken Mukesh Ambani, to become the world's 10th richest person.

➤ ***Ketanji Brown Jackson***

- ✓ On February 25, US President Joe Biden - nominated federal appeals court Judge ***Ketanji Brown Jackson*** to the U.S. Supreme Court
- ✓ With this, Jackson becomes the first Black woman to serve on the US Supreme Court.

➤ **Nishant Batra**

- ✓ Delhi-born Nishant Batra - is setting up first 4G network on Moon for NASA.
- ✓ Batra will establish the first extra-terrestrial cellular mobility that could be extended further to connect future robotic and human missions in space, and even to Mars.
- ✓ He is leading the efforts to provide mobile connectivity to NASA's ambitious Artemis moon-landing program.

➤ **Jiya Rai**

- ✓ Jiya Rai becomes world's youngest and fastest female swimmer to swim across Palk Strait. She swam from Talaimannar in Sri Lanka to Dhanuskodi in Tamil Nadu. She covered a distance of 29 km in 13 hours and 10 minutes. She is a 13 year old Maharashtra girl.
- ✓ She is suffering from Autistic spectrum disorder. Para-Swimming Federation of India conducted the event.

➤ **Jayati Ghosh**

- ✓ United Nations Secretary-General, Antonio Guterres has announced the appointment of Indian development economist Jayati Ghosh as a member of the UN's newly established Advisory Board on Effective Multilateralism.
- ✓ Jayati Ghosh is a Professor at the University of Massachusetts Amherst of USA.

BOOKS & AUTHORS

- **The Vice President, M. Venkaiah Naidu has released a book 'Accelerating India: 7 Years of Modi Government' at Upa-Rashtrapati Nivas.**
 - ✓ **The book commemorates the achievement and evaluation of two elected terms of PM Modi as the Head of Parliamentary**
- **CDS General Bipin Rawat was presented a book "OPERATION KHUKRI"**
 - ✓ **Authored by Major General Rajpal Punia & Ms Damini Punia.** The book highlights the Indian Army's successful rescue mission in Sierra Leone as part of the United Nations.
- **Jhumpa Lahiri to launch her new book 'Translating Myself and Others'**
 - ✓ The Pulitzer Prize-winning noted fiction writer, Jhumpa Lahiri, is set to launch her new book titled 'Translating Myself and Others', which will highlight her work as a translator. The new book is planned to be out in **Spring 2022.**
- **"The Fractured Himalaya" authored by Nirupama Rao**
 - ✓ **Book Name - My Life in Full: Work, Family, and our Future.** Author Indra Nooyi

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

- **2021 Booker Prize**
 - ✓ Damon Galgut wins 2021 Booker Prize for his novel 'The Promise'.
 - ✓ South African author Damon Galgut has won the 2021 Booker Prize for Fiction for his novel The Promise.
- **Operation X**
 - ✓ Bangla edition of book on naval commando operation during liberation war of 1971 launched in Dhaka.
 - ✓ The Bangla version of the book 'Operation X' about the naval commando operation jointly launched by the Indian Navy and the Mukti Bahini of Bangladesh was launched in Dhaka.
 - ✓ The book is written by Capt MNR Samant and Sandeep Unnithan.
 - ✓ It was co-written by noted author and journalist Sandeep Unnithan.
- **Finding A Straight Line Between Twists and Turns**
 - ✓ **A new book 'Finding A Straight Line Between Twists and Turns' authored by Aseem Chawla.**
- **Nehru: The Debates that Defined India**
 - ✓ A book titled "Nehru: The Debates that Defined India" is co-authored by Tripurdaman Singh and Adeel Hussain.
- **Sunrise over Ayodhya - Nationhood in our Times - Salman Khurshid**
- **Book on Satyajit Ray - Author Bhaskar Chattopadhyay**

- ✓ Author Bhaskar Chattopadhyay has come up with a new book titled “The Cinema of Satyajit Ray”, published by Westland.
- **The Disruptor**
- ✓ A new book based on the life of Vishwanath Pratap Singh, India’s eighth Prime Minister, is set to hit stands on December 08, 2021.
- ✓ The book titled “**The Disruptor: How Vishwanath Pratap Singh Shook India**” has been authored by **Debashish Mukerji**.
- **Resolved: Uniting Nations in a Divided World**
- ✓ A book titled ‘Resolved: Uniting Nations in a Divided World’ is an autobiography of the Former United Nations Secretary-General Ban Ki-moon.
- ✓ It consists of life experiences and challenges that the author faced in his life & elaborates his tenure in the United Nations (UN).
- **The Story of an Unprecedented Diplomatic Win**
- ✓ Former India’s Permanent Representative to the UN Syed Akbaruddin has released his new book titled ‘India Vs UK: The Story of an Unprecedented Diplomatic Win’.
- **Democracy, Politics and Governance**
- ✓ Vice President M. Venkaiah Naidu has released English and Hindi versions of books titled “Democracy, Politics and Governance”.
- ✓ The book is authored by Dr. A. Surya Prakash, Vice Chairman, Executive Council of Nehru Memorial Museum and Library.
- **Charge of the Gorkhas and Other Stories**
- ✓ Rachna Bisht Rawat is set to release her new book titled ‘1971: Charge of the Gorkhas and Other Stories’ on 10 December 2021.
- **The Midway Battle**
- ✓ The book titled “The Midway Battle: Modi’s Rollercoaster Second Term” written by Gautam Chintamani.
- **Public Service Ethics**
- ✓ Vice President released book ‘Public Service Ethics’.
- ✓ It has been written by Prabhat Kumar, former Governor of Jharkhand and former Cabinet Secretary to the Government of India.

BOOKS & AUTHORS - 2022

- **India’s Women Unsung Heroes**
- ✓ Union Minister of State for Culture, Meenakshi Lekhi has released a pictorial comic book titled ‘India’s Women Unsung Heroes’, as a tribute to the forgotten women freedom fighters of the country.
- **Fearless Governance**
- ✓ The book titled ‘Fearless Governance’ authored by Dr Kiran Bedi .
- **A Little Book of India**

- ✓ A new book titled “A Little Book of India: Celebrating 75 Years of Independence” authored by Ruskin Bond was released recently.
- **“Atal Bihari Vajpayee”**
- ✓ A book titled “Atal Bihari Vajpayee” authored by Sagarika Ghose.
- **How to Prevent the Next Pandemic**
- ✓ A book titled ‘How to Prevent the Next Pandemic’ has authored by Bill Gates will be published this year in May 2022.
- **Modi@20**
- ✓ A book about Prime Minister's 20-year political career will be released soon.
- ✓ The book exclusively depicts the last 20 years of PM Modi's political career, from his tenure as the Chief Minister of Gujarat to the Prime Minister of India.
- ✓ BlueKraft Digital Foundation edited and compiled the book.



SCIENCE, TECHNOLOGY & ENVIRONMENT

- **The ISRO - released the plan for the decade recently.**
 - ✓ ISRO is to complete its moon mission Chandrayaan-3,
 - ✓ The solar mission Aditya-L1 and **first Indian Data Relay Satellite** in the next decade 2021-2030.
 - ✓ The Liquid Propulsion Systems Centre will help developing the Semi Cryogenic Propulsion capability.
 - ✓ The Aditya-L1 mission will become the first Indian scientific expedition to the sun.
- **India's 1st Testbed TiHAN launched at IIT Hyderabad**
 - ✓ Union Minister of Education, **Ramesh Pokhriyal 'Nishank'** has virtually laid the foundation stone of **—TiHAN-IIT Hyderabad**, India's first Test bed for Autonomous Navigation Systems (Terrestrial and Aerial) at **IIT Hyderabad**.
 - ✓ The **Technology Innovation Hub on Autonomous Navigation Systems (TiHAN)** for Unmanned Aerial Vehicles and Remotely Operated Vehicles at IIT Hyderabad.
- **SpaceX launches 143 satellites on single rocket, creates new world record**
 - ✓ With the launched satellites, Musk's SpaceX aims at providing near-global broadband internet coverage all over the world by 2021.
 - ✓ A rocket from Elon Musk's SpaceX has created a new record by launching 143 satellites into space on January 24, 2021.
 - ✓ The Falcon 9 rocket lifted off from the Space Launch Complex 40 at Florida's Cape Canaveral Space Force Station.
 - ✓ SpaceX, an aerospace company, has also beaten the record of the ISRO - ISRO where it deployed 104 satellites in February 2017 in a single launch.
 - ✓ The reusable rocket launched 143 satellites to space, where 133 were government and commercial spacecraft and 10 were Starlink satellites which are part of the SmallSat Rideshare program of SpaceX.
- **The researchers - have identified the mineralogy of the meteorite that hit Mukundpura village near Jaipur on June 6, 2017**
 - ✓ The bright trail of the meteorite in the sky crashed with a thunderous sound on the early morning of the day
- **Jarosite:**
 - ✓ Maritime mineral jarosite in ice cores extracted from Antarctica

- ✓ Jarosite is very rarely found on Earth, and it is generally seen in mining waste that has been exposed to air and rain
- ✓ The discovery supports the theory of presence of yellow-brown mineral jarosite on MARS in a similar manner because the planet is a lot dustier than Antarctica
- ✓ Jarosite mineral was found on the surface of Mars by the Opportunity rover back in 2004
- ✓ Jarosite is used in hydrometallurgy to control impurities

➤ **Wooden Satellites by 2023**

- ✓ Japanese researchers - are planning to launch wooden satellites by 2023 to avoid the problem of space debris
- ✓ European Space agency, there are 128 million pieces of debris in the orbit that has the potential to damage 'live' Satellites.

➤ **Hot Saturn**

- ✓ For the first time, astronomers at the Harvard-Smithsonian Centre of Astrophysics - have discovered a huge planet with about half the mass of Jupiter without clouds and haze
- ✓ Named WASP-62b, this planet was first found in 2012 through the Wide Angle Search for Planets (WASP) South survey, but was not studied in detail until now.

➤ **Agnikul Cosmos**

- ✓ IIT-Madras incubated space startup Agnikul Cosmos - said that it has successfully test fired its semi-cryogenic rocket engine Agnilet

➤ **Private sector for the first time in the last 50 years since the launch of space programme**

- ✓ UNITY sat is a combination of three satellites designed and built by Jeppiaar Institute of Technology, Sriperumbudur, GH Raison College of Engineering, Nagpur and Sri Shakthi Institute of Engineering and Technology, Coimbatore.

➤ **Chinese spacecraft 'Tianwen-1'**

- ✓ The spacecraft will launch a lander which is carrying a 240-kilogram rover in a rapid seven-minute descent. The rover will land at the northern hemisphere of Mars called as Utopia Planitia.
- ✓ After that, the solar-powered rover will be exploring the Martian surface for 90 days
- ✓ Tianwen-1 is an interplanetary mission by the China National Space Administration (CNSA)

➤ **United Arab Emirates - has made history as the first Arab country to reach the reddish planet, Mars**

➤ **Amazonia-1 mission**

- ✓ Isro - to launch PSLV-C 51 or Amazonia-1 mission on February 28 from the Satish Dhawan Space Centre (SDSC) at Sriharikota in Andhra Pradesh
- ✓ In this launch, the PSLV-C51 rocket will carry Brazilian satellite Amazonia-1 as primary satellite alongwith 19 other satellites

➤ **Chandrayaan-3**

- ✓ The Chief of the ISRO K Sivan informed that India's third mission to the moon, Chandrayaan-3, to be launched in the year 2022.

☐☐ **Arctic-monitoring satellite**

☐☐The Russian Space agency, Roscosmos - has successfully launched its first ever Arctic-monitoring satellite that will monitor the Arctic's climate and environment.

☐☐Constellation of two Arktika-M satellites has also been designed to monitor the high-latitude areas of the Earth.

☐☐The satellite will also transmit the overview images of Earth's northern polar region and the adjoining areas every 15-30 minutes.

☐☐This satellite is one among a series of planned Russian remote-sensing and emergency communications satellites.

☐☐

☐☐ **space hurricane**

☐☐The swirling mass of plasma that emits electrons into the ionosphere instead of water is called as —Space Hurricane.

☐☐The hurricane provides a huge, cyclone-shaped glowing green aurora that can be observed below it.

☐☐The astronomers have spotted hurricanes in space on Mars, Saturn and Jupiter.

☐☐ **NISAR**

☐☐NASA-ISRO SAR (NISAR) is a joint collaboration for the dual-frequency LBand and S-Band SAR for the earth observation.

☐☐NISAR is the first satellite mission which will use two different radar frequencies called L-band and S-band.

☐☐NISAR mission will capture the details of highly spatial and temporally complex processes such as ecosystem disturbances, ice sheet collapses and natural hazards like volcanoes, landslides, earthquakes and tsunamis.

□

□□ **S-band Synthetic Aperture Radar (SAR)**

□□ The Indian Space Research Organisation (ISRO) - develops an S-band Synthetic Aperture Radar (SAR) and shipped it to Nasa for the world's first twin-radar satellite mission

□□ **Fugaku super computer**

□□ The Japanese scientific research institute called RIKEN and Fujitsu started developing the —Fugaku six years ago

□□ The supercomputer has topped the top-500 list, which is a —Supercomputer benchmark index, for the second year in line.

□□ Fugaku has been named after an alternative name for Mount Fuji.

□□ The development of Fugaku, with a Fujitsu A64FX microprocessor, was commenced in the year 2014 as a successor to the K supercomputer

□□ **ISRO - launched a sounding rocket (Rh - 560) from Satish Dhawan Space centre Sriharikota**

□□ The rocket will study altitudinal variations in the neutral winds and plasma dynamics.

□□ Sounding rockets are one or two stage solid propellant rockets used for probing the upper atmospheric regions and for space research.

□□ **Mosquito protein AEG12**

□□ A mosquito protein, called AEG12 - exhibits properties to inhibit the family of viruses that cause yellow fever, dengue, West Nile, and Zika, and also weakly inhibits coronaviruses

□□ **—TraceBioMe Project**

□□ The project, spanning 90 days involving 30 scientists, will be done onboard the research vessel RV Sindhu Sadhana

□□ The vessel took off from Visakhapatnam and the expedition would be completed in two-legs by the end of May, 2021

□□ The expedition will be covering over 9,000 nautical miles from Visakhapatnam to Goa.

□□ As part of the project, scientists will identify and characterise the genes and proteins present in the ocean to understand the cellular-level operations of organisms in the ocean.

➤ **Xenobots**

- ✓ The scientists at Tufts University - have recently developed world's first 'living' and 'self healing' robots named 'Xenobots' by using the stem cells of frogs.

✓ The memory retaining capability of the Xenobots was assisted by a protein called EosFP

➤ **Artemis-NASA**

✓ The National Aeronautics and Space Administration (NASA) - plans to land first person of colour and first woman on moon under its 'Artemis' programme

✓ According to Nasa, the Artemis programme will serve as a proving ground for the returning astronauts to the Moon, who will later be sent to Mars

✓ The programme is to be implemented in three parts - Artemis I, II and III

➤ **Dark Sirens**

✓ The Dark Sirens are high-energy gravitational waves emitted from the smashing of neutron stars or black holes

➤ **Ingenuity mars helicopter**

✓ On April 19, the Ingenuity Mars Helicopter - has successfully become the first aircraft in history to fly in another planet.

➤ **ROBO Plant**

✓ The scientists from Singapore - have developed a technology to interact with plants using a technology called "Robo Plant"

✓ The technology helps to control the plants using smart phone applications.

✓ In future, this technology can be further used to enable farmers to detect diseases in plants.

✓ The IUCN has put the plant under "Vulnerable" status.

➤ **MOXIE**

✓ MOXIE is Mars Oxygen In-Situ Resource Utilisation Experiment

✓ MOXIE produced five grams of oxygen in its first run.

✓ MOXIE is capable of generating ten grams of oxygen in one hour.

✓ It was designed by the Massachusetts Institute of Technology (MIT).

✓ According to the scientists at MIT, one ton version of MOXIE is capable of producing twenty-five tonnes of oxygen.

➤ **SpaceX - is to launch DOGE-1, a satellite that is completely funded with crypto currency, to the moon in 2022 in Falcon 9 rocket**

✓ This was announced by its owner Elon Musk in a TV show he was hosting

✓ DOGE-1 mission will be the first ever commercial payload to be paid with the crypto currency, Dogecoin.

➤ **"Osiris - Rex"**

✓ The NASA Spacecraft "Osiris-Rex" - has started a two year long journey from asteroid Bennu back to the earth.

- **The National Aeronautics and Space Administration (NASA) - signed an agreement with Axiom Space to send its astronauts to International Space Station.**
 - ✓ This is the first private astronaut mission to the space station.
- **The Voyager 1**
 - ✓ This sound was heard after Voyager 1 exited the heliosphere and entered the interstellar space.
 - ✓ The Voyager 1, launched in 1977, was the first spacecraft to enter the heliosphere of the sun in 2012.
- **Uranium - 214**
 - ✓ The newly discovered uranium is an isotope, or a variant of Uranium
 - ✓ Because neutrons have mass, uranium-214 is much lighter than more common uranium isotopes, including uranium-235, which is used in nuclear reactors and has 51 extra neutrons.
- **ISRO develops 3 cost-effective ventilators, oxygen concentrator**
 - ✓ The Indian Space Research Organisation's Vikram Sarabhai Space Centre
 - ✓ (VSSC), has developed three different types of ventilators and an oxygen concentrator at a time when a shortage of this critical medical equipment resulted in the deaths of many Covid-19 patients across the country. Based on designs, features and specifications, we have named them, Prana, VaU and Svasta.
- **ATMAN AI,**
 - ✓ Named ATMAN AI, the tool was developed by DRDO's Centre for Artificial Intelligence and Robotics (CAIR), with the support of 5C Network & HCG Academics.
- **"First mobile robot to the Moon**
 - ✓ The US agency, as part of its **Artemis program**, is planning to send its first mobile robot to the Moon in late 2023 in search of ice and other resources on and below the lunar surface
- **IWHO Names Two Covid-19 Variants First Identified in India as 'Kappa' and 'Delta'**
 - ✓ The UN health agency, World Health Organisation (WHO), has given easy-to-say labels to two variants of the Covid-19, first found in India.
 - ✓ The two variants are B.1.617.1 and B.1.617.2.
 - ✓ The B.1.617.1 variant of the Covid 19 has been named as 'Kappa' while the B1.617.2 variant is named as 'Delta.'
- **NASA's Hubble Space Telescope - captured the photo of spiral galaxy called "NGC 691"**
 - ✓ The New General Catalogue of Nebulae and Clusters of Stars (NGC)
 - ✓ The Hubble Space Telescope is the largest and most versatile telescope still in operation.
- **Fengyun-4B satellite successfully into space**
 - ✓ China - recently launched Fengyun-4B satellite successfully into space aboard a Long March 3B rocket from Xichang Satellite Launch Centre in Sichuan Province.
- **Envision**
 - ✓ The European Space Agency (ESA) - has recently announced about the launch of a new probe called 'EnVision' to study Venus by 2030

- ✓ Envision will be the next orbiter to circle Venus and study the planet from its inner core to upper atmosphere to determine its evolution vis-à-vis earth.
- **'WISA Woodsat'**
 - ✓ World's first wooden satellite, called 'WISA Woodsat' - to be launched from New Zealand by the end of 2021
- **Interstellar space called 'Heliosphere'**
 - ✓ The heliosphere is a protective bubble created by the solar wind, which is a constant stream of magnetic field and particles released by the sun.
- **'Virgin Galactic's VSS'**
 - ✓ British entrepreneur Sir Richard Branson - became the first person to blast off to space in his own spaceship 'Virgin Galactic's VSS Unity' on July
 - ✓ **Amazon's Jeff Bezos** is expected to take his trip to space on July 20, the 52nd anniversary of the Apollo 11 moon landing, on Blue Origin's New Shepard rocket.
- **Mars and Venus – two of the Earth's closest neighbours – came closest to each other in the sky - in July**
- **Ectoine**
 - ✓ Ectoine is a molecule which is capable of protecting the skin from ultraviolet radiation and has anti-ageing properties
- **The Indian Space Research Organisation (ISRO) - successfully conducted the third long-duration hot test of the liquid propellant Vikas engine for the Gaganyaan programme, the country's first manned mission to space.**
 - ✓ The test was done for the core L110 liquid stage of the human-rated GSLV MkIII vehicle
 - ✓ The engine was fired for 4 minutes at the test facility of ISRO Propulsion Complex (IPRC), Mahendragiri, Tamil Nadu.
 - ✓ .
- **For the first time ever, astronomers - have found evidence of water vapour in the atmosphere of Jupiter's moon 'Ganymede'**
- **Gisat - 1**
 - ✓ India - launched, Gisat-1, its most advanced geo-imaging satellite, on 12th August at 5:43 am from the Satish Dhawan Space Centre at Sriharikota.
 - ✓ Gisat-1 will be placed 36,000 km above the Earth in the geostationary orbit and will provide real-time information about the large areas of interest.
 - ✓ **EOS-3** will also enable quick monitoring of natural disasters, episodic and short-term events. (But mission failed).
 - ✓ The satellite, capable of near real-time monitoring of floods and cyclones, will also enable monitoring of water bodies, crops, vegetation conditions and forest cover changes.
- **Chandrayaan-2 mission's orbiter - has detected the "unambiguous presence of hydroxyl and water molecules" on the Moon's surface**
- **"Karmayogi"**

- ✓ Dr Jitendra Singh inaugurated "**Karmayogi**" Digital Learning Facility for Civil Servants.
- **SpaceX launches first all-tourist crew into orbit**
 - ✓ The crew of the Inspiration4, the first-ever orbital flight crewed entirely by tourists, is now officially in orbit, according to a Livestream from SpaceX.
 - ✓ The SpaceX rocket blasted off from NASA's Kennedy Space Center.
 - ✓ The passengers will now spend three days aboard their 13-foot-wide Crew Dragon capsule in orbit at a 350-mile altitude.
- **NASA launches Landsat 9 satellite to monitor Earth's landscape**
 - ✓ NASA successfully launched Landsat 9, a powerful satellite built to monitor the Earth's land surface on 27 September 2021.
 - ✓ Landsat 9, a joint NASA and US Geological Survey (USGS) mission, lifted off on a United Launch Alliance Atlas V rocket from Vandenberg's Space Launch Complex 3E, California.
 - ✓ It will help make science-based decisions on key issues like water use, wildfire impacts, etc.
- **The Indian Institute of Technology (IIT) Bombay has launched 'Project Udaan', a language translator, to break the language barrier in education, which hampers the flow of messages.**
- **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
- **MUDRA - Tool Box**
 - ✓ Indian Council of Medical Research (ICMR) - has released the Multilingual Dementia Research and Assessment (MUDRA) Toolbox in five Indian languages - Hindi, Bengali, Telugu, Kannada and Malayalam
- **DRDO successfully test-fired ABHYAS - the High-speed Expendable Aerial Target**
 - ✓ The Defence Research and Development Organisation successfully flight-tested ABHYAS - the High-speed Expendable Aerial Target (HEAT) on October 22, 2021 from the Integrated Test Range (ITR) in Chandipur, off the coast of the Bay of Bengal in Odisha
- **Agni - 5 by DRDO**
 - ✓ India - successfully test-fired a surface-to-surface ballistic missile, Agni-5, from APJ Abdul Kalam Island off Odisha coast on October 27
 - ✓ The Intercontinental-range missile, which uses a three-stage solid-fuelled engine, is capable of striking targets up to a 5,000-km range with a very high degree of accuracy.
- **India's manned ocean mission 'Samudrayaan' - was launched at Chennai**
 - ✓ The Union Minister Dr. Jitendra Singh has launched the first manned ocean mission of India Samudrayaan at Chennai.
 - ✓ India - is planning to build its first deep sea research vessel equipped to penetrate several metres into the seabed for exploration and map sediment and other resources
- **Global Methane Pledge**
 - ✓ On November 2, 2021, the ongoing UN COP26 climate conference in Glasgow Global Methane Pledge was launched.

- ✓ Methane is a greenhouse gas and a natural gas component. Its presence in the atmosphere raises the Earth's temperature. Methane is produced both by humans and by nature.
- ✓ This commitment was made with the goal of reducing methane emissions by 30% by 2030 when compared to 2020 levels.
- **World's First Earth-Science Satellite**
- ✓ China launches world's first Earth-science satellite.
- ✓ China on 5 November 2021, sent an Earth science satellite into space from the Taiyuan Satellite Launch Center in the northern Shanxi Province.
- **Ultra-Pure Hydrogen**
- ✓ India's first device for production of ultra-pure Hydrogen developed.
- ✓ Scientists at IIT BHU, Varanasi have developed a first-of-its-kind device in India for the on-site production of ultra-pure Hydrogen.
- **Skyroot Aerospace**
- ✓ Hyderabad-based Spacetech start-up Skyroot Aerospace - has successfully tested Dhawan-1, India's first privately developed fully cryogenic rocket engine.
- **Meta**
- ✓ Meta, formerly Facebook - announced a string of crucial safety initiatives for India, targeted at women safety on November 3.
- ✓ Meta announced the launch of StopNCII.org to combat the usage of non-consensual intimate images, a Safety Hub for Women in Hindi and 11 other Indian languages.
- **Transiting Exoplanet Survey Satellite (TESS) Mission**
- ✓ NASA's Transiting Exoplanet Survey Satellite (TESS) mission - has discovered a rocky exoplanet named 'GJ 367b' orbiting a red dwarf star.
- ✓ GJ 367b is a rocky world about 70% as large as Earth and 55% as massive, making it one of the lightest known exoplanets
- ✓ It has also been discovered to be orbiting around a dim red dwarf star that is located just 31 light-years away from Sun.
- **New Species of Butterfly**
- ✓ A new species of butterfly named **Chocolate-bordered Flitter** has been found in Sikkim. It's scientific name *Zographetus dzonguensis*.
- ✓ Its closest relatives are mainly found in southeastern China and Hong Kong.
- **Comet A1 Leonard**
- ✓ Comet A1 Leonard is a long period comet.
- ✓ It was discovered by GJ Leonard in January 2021. It was the first comet to be discovered in 2021.
- **Mission to Moon and Mars**
- ✓ NASA picks up Indian-origin Anil Menon for a mission to Moon and Mars.
- ✓ SpaceX flight surgeon Anil Menon is among the 10 latest trainee astronauts who will join the 2021 class of NASA as it plans for the first human missions to the moon in more than 50 years.
- **NASA's Parker Solar Probe**

- ✓ NASA's Parker Solar Probe on April 28 successfully entered the Corona of the Sun. It is an extreme environment that's roughly 2 million degrees Fahrenheit.
- ✓ The goal of the mission is to learn how the Sun works and as per the scientists it can be accomplished by flying into the solar atmosphere.
- **Agni P**
- ✓ On December 18, 2021 the Defence Research and Development Organisation (DRDO) successfully tested the new generation nuclear capable ballistic missile 'Agni P'.
- **Pralay**
- ✓ The Defence Research and Development Organisation (DRDO) successfully conducted the maiden flight test of indigenously developed surface-to-surface missile 'Pralay' from Dr. A. P. J. Abdul Kalam Island off the coast of Odisha.
- **Artificial Sun**
- ✓ China - has conducted a nuclear fusion experiment as part of advancing its 'Artificial Sun' project.
- ✓ The Hefei Institute of Physical Science launched the Experimental Advanced Superconducting Tokamak (EAST) heating system this month
- ✓ The experiment aims at making the artificial sun or the auxiliary heating system "hotter" and more "durable".
- **CIBA Decodes Indian White Shrimp's Genome**
- ✓ Scientists of the Chennai-based Central Institute of Brackishwater Aquaculture (ICAR-CIBA) have sequenced and assembled the whole genome of Indian white shrimp *Penaeus indicus*.
- **James Webb Space Telescope**
- ✓ NASA's James Webb Space Telescope - was launched on December 25 from the northeastern coast of South America.
- ✓ The Telescope was built to analyse on the first view of the universe as it existed when the earliest galaxies formed.
- ✓ The revolutionary \$9 billion infrared telescope was carried aloft inside the cargo bay of an Ariane 5 rocket that blasted off from the European Space Agency's (ESA) launch base in French Guiana.
- **Inmarsat-6 F1 Communications Satellite**
- ✓ Japan has launched Inmarsat-6 F1, a communication satellite, through a Mitsubishi Heavy Industries (MHI) H-IIA204 rocket from Japan's Tanegashima Space Center that will enter geostationary orbit, about 22,240 miles (35,790 kilometres) above the earth.
- **AI Prosecutor**
- ✓ Chinese scientists - have developed world's first AI 'prosecutor' that can identify crimes with more than 97% accuracy and file charges against criminals
- ✓ 'AI prosecutor' will work on cases ranging from credit card fraud, dangerous driving, theft, fraud and obstruction of official duties.

SCIENCE, TECHNOLOGY & ENVIRONMENT

- 2022

- ✓ **Monoceromyia Flavoscutata**
- ✓ It is a new species recently discovered in India, along with *Monoceromyia flavoscutata*, researchers also found *Monoceromyia nigra*.
- ✓ They are wasp like flower flies or syrphid flies.
- ✓ *Monoceromyia flavoscutata* was discovered in Dindigul district of Tamil Nadu.
- ✓ *Monoceromyia nigra* was discovered in Bastar district of Arunachal Pradesh.
- ✓
- ✓ **National Science Day (NSD) 2022**
- ✓ Union Minister of State Science and Technology Dr Jitendra Singh launched the theme of National Science Day (NSD) 2022 on 5 January 2022.
- ✓ The theme is 'Integrated Approach in S&T for Sustainable Future'.
- ✓ National Science Day (NSD) is celebrated every year on 28 February.
- ✓
- ✓ **Copernicus Climate Change Service (C3S)**
- ✓ In its latest annual assessment, the Copernicus Climate Change Service (C3S) - confirmed that 2021 was Earth's fifth hottest year on record.
- ✓ According to the European Union's satellite system C3S, the previous seven years have been considered to be the hottest on record.
- ✓ Furthermore, the negative impacts of increasing temperatures could be seen in a number of extreme climate events like floods and heat waves that have occurred throughout the world during the last year.
- ✓
- ✓ **Genetically Modified Heart of a Pig**
- ✓ For the first time ever, surgeons in America - have successfully *transplanted* the genetically modified *heart* of a *pig* into a human patient.
- ✓ The "historic" procedure took place recently on January 7 and took about eight hours
- ✓ Dr. Bartley Griffith is the lead surgeon in the breakthrough achievement, which could offer a solution to organ shortage crisis in the long run.
- ✓
- ✓ **Indian Sat**
- ✓ Nasa - to launch Indian Sat, an experimental satellite built by Indian students, in June 2022.
- ✓ Indian Sat, one of the smallest and lightest, was built with 3D reinforced graphene polymer.
- ✓ Weighing just 30 gram, the satellite was developed by Tospace Private Limited, a space startup based in Tamil Nadu, over a period of two years.
- ✓
- ✓ **Volcanic Eruption in Tonga**
- ✓ An underwater volcano erupted in Tonga (a country in the Pacific Ocean) recently.
- ✓ It is called the "Hunga Tonga Hunga Haapai" volcano.
- ✓ Though the volcano was located under water and 2,383 km away, it was heard in Tonga. Also, the eruption created tsunami waves.
- ✓
- ✓ **China's Artificial Moon**
- ✓ After China's artificial Sun reached temperatures five times hotter than the Sun, China is ready with its first artificial moon.

- ✓ Scientists have built an “artificial moon” research facility. The facility will help them in conducting low-gravity environments using magnetism.
- ✓ **Pristimantis gretathunbergae**
- ✓ A new species of rainfrog, discovered in the Panama jungle, has been named after Swedish environmental activist Greta Thunberg.
- ✓ The species has been named as *Pristimantis gretathunbergae*, or popularly known as the Greta Thunberg Rainfrog.
- ✓
- ✓ **India’s 1st Weather Hazard and Vulnerability Atlas**
- ✓ India has got its first climate vulnerability atlas.
- ✓ The Climate Hazards and Vulnerability Atlas of India has been developed by the scientists at the Climate Research and Services (CRS) office of the India Meteorological Department (IMD), Pune.
- ✓ It is based on 14 extreme weather events and the risks they pose to the local population, livelihoods, and economy of each district.
- ✓
- ✓ **Oldest Human Fossils**
- ✓ As per a recent study, one of the oldest known *Homo sapiens* fossils, Omo Kibish I, maybe around 35,000 years older than it was previously thought.
- ✓ Omo Kibish I was first unearthed in Ethiopia in 1967.
- ✓ Omo I is the only fossil, with all the morphological characteristics of modern man.
- ✓
- ✓ **CDRI Develops Omicron Testing Kit named “OM”**
- ✓ CSIR-Central Drug Research Institute (CDRI) has developed an indigenous RT-PCR diagnostic kit, ‘Om’, for the testing of the Omicron variant of coronavirus.
- ✓ It is the first kit made by any government institution, and the third to be made indigenously, for specific testing of Omicron.
- ✓
- ✓ **Digital Sansad App**
- ✓ On January 27, the Lok Sabha secretariat - launches ‘*Digital Sansad App*’ to stream live proceedings in Parliament to citizens.
- ✓ It is designed to provide a one-stop destination for viewing all information related to the daily business of the Lok Sabha.
- ✓
- ✓ **World’s 1st Dual-Mode Vehicle**
- ✓ Japan has introduced a minibus lookalike world’s first dual-mode vehicle (DMV) in its town of Kaiyo.
- ✓ The vehicle can run on normal rubber tyres on the road but its steel wheels, which are in its underbelly, descend when it hits the rail tracks.
- ✓ **World’s First Hydrogen-powered Flying Boat ‘The Jet’**
- ✓ Dubai firm, THE JET ZeroEmission announced the launch of the World’s first hydrogen-powered flying boat ‘THE JET’ in Dubai, United Arab Emirates.
- ✓ ‘THE JET’ features cutting-edge characteristics and technologies, making it capable of flying in silence over the waters at a cruising speed of 40 knots and also has a capacity of carrying 8-12 passengers.
- ✓
- ✓ **Chandrayan-3**
- ✓ India - is set to launch the Chandrayan-3 in August this year.

- ✓ The ISRO has planned 19 missions that including eight launch vehicle missions, seven spacecraft missions and four technology demonstrator missions have been planned for this year.
- ✓ This year is expected to be quite busy for ISRO as major projects such as Gaganyaan and Aditya solar mission are also in the pipeline.
- ✓
- ✓ **Param Pravega**
- ✓ The Indian Institute of Science (IISc.), Bengaluru, has installed and commissioned Param Pravega, one of the most powerful supercomputers in India.
- ✓ It is also the largest supercomputer in an Indian academic institution.
- ✓
- ✓ **Scomberoides Pelagicus**
- ✓ The Central Marine Fisheries Research Institute (CMFRI) has identified a new carangid (Vatta) species from the Indian coast.
- ✓ The fish, Scomberoides pelagicus, is a member of the 'queen fish' family and is locally known as 'pola vatta.'
- ✓ **Asteroid Terrestrial-impact Last Alert System (ATLAS)**
- ✓ The Asteroid Terrestrial-impact Last Alert System (ATLAS) - has become the first asteroid detection system to scan entire night sky to detect hazardous asteroids moving towards the Earth
- ✓ The NASA-funded system is operated by the University of Hawaii's (UH) Institute for Astronomy.
- ✓
- ✓ **Square Kilometre Array Observatory (SKAO)**
- ✓ On February 2, India - signed a cooperation agreement to confirm its participation in 'Square Kilometre Array Observatory' (SKAO) project
- ✓ The agreement signed to set up the world's largest radio telescope will be valid for one year.
- ✓
- ✓ **Space Station to Retire in 2030**
- ✓ NASA - announced plans for the International *Space Station to retire in 2030* and then crash it into an uninhabited area known as 'Point Nemo' into the Pacific Ocean in 2031.
- ✓
- ✓ **2DPA-1**
- ✓ Researchers from Massachusetts Institute of Technology (MIT) - have developed a new two-dimensional polymer material called 2DPA-1 that is stronger than steel but light as plastic.
- ✓ The new polymer has twice the yield strength of steel and up to six times the deformation resistance of bulletproof glass.
- ✓
- ✓ **Asteroid 38971 (2001 CB21)**
- ✓ A giant asteroid called 138971 (2001 CB21) is heading towards the Earth and is likely to make a close pass in March.
- ✓ It is estimated to be four times bigger than the Eiffel Tower and has been tagged as potentially hazardous, as it will come as close as 4.5 million km.
- ✓
- ✓ **COVID-19 DNA Vaccine**
- ✓ India has become the first country in the world to administer a DNA vaccine against COVID-19.

- ✓ The ZyCoV-D which is the World's first plasmid DNA vaccine has been produced by Ahmedabad-based vaccine manufacturer Zydus Cadila and it was administered for the first time in Patna.
- ✓
- ✓ **ISRO Launch Earth Observation Satellite**
- ✓ The Indian Space Research Organisation will launch radar imaging satellite EOS-04 on February 14, 2022.
- ✓ The satellite has been designed to provide high-quality images under all weather conditions. It will be launched aboard Polar Satellite Launch Vehicle (PSLV-C52) at 05:59 hours on February 14th from the First Launch Pad of Satish Dhawan Space Centre, Sriharikota.
- ✓
- ✓ **Sputnik Light Covid-19 Vaccine**
- ✓ The Drugs controller General of India - granted Emergency Use Permission to single dose Sputnik light Covid-19 vaccine.
- ✓ With this, it has become the ninth Covid-19 vaccine to get the approval for usage in the country
- ✓ Sputnik and Sputnik Light is based on recombinant human adenovirus vector platform.
- ✓
- ✓ **Lactobacillus Plantarum JBC5**
- ✓ Indian scientists develop a next-generation probiotic.
- ✓ A team of Indian scientists from the Institute of Advanced Study in Science and Technology (IASST), Guwahati, has identified the next-generation probiotic bacterium Lactobacillus Plantarum JBC5 from a dairy product.
- ✓ The product showed great promise in promoting healthy aging.
- ✓
- ✓ **NASA**
- ✓ NASA - has selected two science missions to help improve the understanding of the Sun-Earth connection, the dynamics of the Sun, and the constantly changing space environment.
- ✓ The two missions chosen by NASA are Multi-slit Solar Explorer (MUSE) and HelioSwarm missions, which aim at studying the sun's corona and also measuring the magnetic field of the solar wind.
- ✓
- ✓ **ISRO PSLV-C52 Satellite**
- ✓ The Indian Space Research Organisation (ISRO) launched the Polar Satellite Launch Vehicle, PSLV-C52, carrying three satellites (EOS-04, a radar imaging satellite along with its two passenger satellites, INSPIRESat-1 and INS-2TD) on 14 Feb 2022 from the Satish Dhawan Space Centre in Sriharikota.
- ✓
- ✓ **Polaris Dawn**
- ✓ SpaceX engineer Anna Menon will be among the crew of a unique space mission announced on 14 Feb 2022 by Jared Isaacman.
- ✓ The first mission is named Polaris Dawn ✓
- ✓ **Koalas as Endangered Species**
- ✓ Australia has officially listed koalas as endangered species.
- ✓ Koala species are inhabited in Australia for at least 25 million years.
- ✓ At present, only one species remains – the Phascolarctos cinereus.
- ✓

- ✓ **Pluto's Atmospheric Pressure**
- ✓ A team of scientists, including Indian and International collaborators, have derived the accurate value of Pluto's atmospheric pressure at its surface.
- ✓ It is more than 80,000 times less than the atmospheric pressure at mean sea level on Earth.
- ✓ The pressure was calculated from data obtained using 3.6-m Devasthal optical telescope (DOT) (India's largest optical telescope).
- ✓
- ✓ **Alcyoneus**
- ✓ Alcyoneus is the largest galaxy ever discovered by humans.
- ✓ Researchers from the Leiden Observatory have found Alcyoneus, the largest galaxy ever discovered by humans.
- ✓ Alcyoneus is 240 billion times the size of sun. It is named after the son of Greek god of sky, Ouranos.
- ✓
- ✓ **Bent-Toed Gecko**
- ✓ A team of researchers recently discovered a new species of bent-toed gecko or lizard, from Umroi Military station in the Ri-Bhoi district of Meghalaya.
- ✓ The new species of Gecko or lizard belongs to the family of Cyrtodactylus exercitus ('exercitus' means army, in Latin).
- ✓ It has been named to honour the valour of the Indian Army for its services to India.
- ✓
- ✓ **Storm Eunice across Europe**
- ✓ Storm Eunice sparked the first-ever red weather warning in London on February 19, 2022.
- ✓ It was one of the most powerful storms in Europe since 1984, when the Great Storm hit Britain and northern France.
- ✓
- ✓ **Euphlyctis Jaladhara**
- ✓ The Zoological Survey of India (ZSI), Pune, has discovered a new frog species which are growing in the freshwater regions along all the states spanning the Western Ghats.
- ✓ The common name of this frog is Jaladhara skittering frog and Euphlyctis jaladhara is the scientific name. This species was first discovered in freshwater bodies located near the Thattekad Bird Sanctuary in Ernakulam District of Kerala.
- ✓
- ✓ **Gramin Krishi Mausam Sewa' (GKMS) Project**
- ✓ The Indian Institute of Technology, Roorkee - has organized a regional farmers' awareness programme as part of the 'Gramin Krishi Mausam Sewa' (GKMS) project and launched KISAN mobile application for the farmers.
- ✓ Farmers can now easily access the block-level weather forecast and weather based Agromet Advisory Bulletins on their mobile phones through the 'Kisan' App.
- ✓ **Geostationary Operational Environmental Satellite (GOES-T)**
- ✓ NASA launched next generation weather satellite named Geostationary Operational Environmental Satellite (GOES-T) to monitor environment and climate.
- ✓ It will help National Oceanic and Atmospheric Administration in forecasting "hazardous weather conditions" like hurricanes, thunderstorms, floods, and fires in the western hemisphere.
- ✓
- ✓ **Indigenous Anti-collision Technology 'Kavach'**
- ✓ Indian Railways has successfully conducted anti-collision test of the 'Kavach' system, which is an indigenously developed system to avoid rail accidents. Kavach, an indigenously

developed Automatic Train Protection (ATP) system, has been created to assist the Railways in achieving their goal of zero accidents.

- ✓ The Kavach will be the world's most cost-effective system for preventing train collisions.
- ✓
- ✓ **Glycosmis Albicarpa**
- ✓ Scientists of Botanical Survey of India (BSI) discovered new gin berry species in Kanyakumari Wildlife Sanctuary. This berry species, named 'Glycosmis albicarpa' is endemic to the southern Western Ghats.
- ✓ Plants related to these taxonomic groups are utilized for their medicinal values and food.
- ✓
- ✓ **Deep Ocean Mission**
- ✓ Ocean mission is aimed at studying climate conditions, monsoon patterns.
- ✓ India has plans to introduce eight deep ocean gliders that can travel 3,000 km-4,500 km, 48 deep Argo floats at 6,000-metre depth at 24 locations and another 150 wave drifters to strengthen the capacity of observations in the Indian Ocean as part of its 'Deep Ocean Mission'.
- ✓
- ✓ **Acetabularia Jalakanyakae**
- ✓ Acetabularia jalakanyakae was discovered by Indian scientists from the Central University of Punjab in the Andamans archipelago. The scientists sighted the species in 2019 during their trip to Andamans.
- ✓ However, it was an arduous task to confirm its discovery. It took two years for scientists to sequence its DNA and confirm the species.
- ✓
- ✓ **Vigil**
- ✓ The European Space Agency (ESA), introduced its new one-of-a-kind mission meant to protect the Earth from its nearest star.
- ✓ Named 'Vigil', the mission was launched in the mid-2020s with an aim to defend the planet from the violent outbursts from the Sun.

ESA revealed that the mission was previously named "Lagrange" after the location the mission spacecraft will be sent but the name has been changed to Vigil which is derived from the Latin word 'vigilia' meaning wakefulness.

- ✓
- ✓ **Tajuria Maculata**
- ✓ The Spotted Royal (Tajuria Maculata) butterfly was rediscovered again in the Nilgiris district.
- ✓ It has not been recorded in the Nilgiris for over a century.
- ✓ It was rediscovered by members of the Wynter-Blyth Association (WBA).
- ✓
- ✓ **Glycosmis albicarpa**
- ✓ A team of scientists from the Botanical Survey of India has discovered a new gin berry species named Glycosmis albicarpa.
- ✓ It is discovered from the Kanyakumari Wildlife Sanctuary in Tamil Nadu.
- ✓ The species is endemic to the southern Western Ghats.
- ✓ The species belongs to the Orange family, Rutaceae.
- ✓
- ✓ **Cyclone Asani**
- ✓ Cyclone Asani - is likely to form over north Andaman Sea on March 21 and bring strong winds and heavy rainfall in the Andaman and Nicobar Islands.

- ✓ Asani will be the first cyclonic storm of this year in India.
- ✓ Cyclone Asani, meaning 'wrath' in Sinhalese language, has been named by Sri Lanka.



SPORTS

➤ **Odisha to host memorable 2023 Hockey World Cup**

- ✓ Hockey India and the Odisha government are gearing up to host the FIH Men's Hockey World Cup in 2023 for a record fourth time since the inception of the tournament in 1971.

➤ **Khelo India Sports School.**

- ✓ The Union Minister of Youth Affairs and Sports Mr Kiren Rijiju - recently launched the Assam Rifles Public School as a Khelo India Sports School.
- ✓ The Shillong-based Assam Rifles Public School will be the first Khelo India Sports School in the North East
- ✓ The main objective of Khelo India Sports School is to integrate sports with education.
- ✓ This will help in identification and upliftment of talent from the North Eastern regions, tribal areas and rural areas

➤ **Joe Root 100 in 100th Test**

- ✓ England cricket team captain Joe Root - became the third English player to score a century in his 100th Test and joined an exclusive list of players on February 5
- ✓ He achieved the rare feat on the first day of the first Test between India and England played at Chepauk, Chennai

➤ **Priyanka Goswami of Uttar Pradesh**

- ✓ She created a new national record in the 20-km walk at the 8th open national and 4th international race walking championship in Ranchi

➤ **Naomi Osaka**

- ✓ The 23-year-old Osaka becomes only the third player after Monica Seles and Roger Federer to win their first four Major finals
- ✓ Osaka, the world's top-earning female athlete, defeated American, Jennifer Brady to win the title

➤ **Ravichandran Ashwin - claimed 400 test wickets**

- ✓ Ravichandran Ashwin - claimed 400 test wickets and became the second faster bowler to reach the milestone, after Sri Lankan Muttiah Muralitharan
- ✓ The Tamil Nadu State Election Commission roped him in to catch the attention of citizens to create electoral awareness, where Ashwin advised voters to check whether their names are in the electoral roll

➤ **Khelo India Winter Games - began at Gulmarg in the Union Territory of Jammu and Kashmir on February**

☐☐ **Novak Djokovic - equalled Roger Federer's all-time record for most weeks as ATP world No. 1**

☐☐ Djokovic is holding the top spot continuously for the 310th week.

☐☐ Djokovic's ninth Australian Open title last month guaranteed that he would surpass Federer's record on March 8.

India's Mithali Raj - has become the second woman cricketer after England's Charlotte Edwards to score 10,000 runs in international cricket

☐☐ Mithali became the first Indian woman cricketer to achieve the mark

☐☐ Mithali has reached 10,001 runs at an average of 46.73 in 291 innings (311 matches), while Edwards has scored 10,273 runs (avg. 37.49) in 316 innings (309 matches).

☐☐ She has been the captain of the Indian women's cricket team since 2005 and is the only female cricketer who have

captained in more than one ICC ODI World Cup finals during the years 2005 and 2017.

☐☐ **Chennai-based fencer and eight-time National fencing champion Bhavani Devi - became the first Indian fencer to qualify for the Olympics.**

☐☐ Bhavani is supported by the GoSports Foundation under the Rahul Dravid Athlete Mentorship Programme

☐☐ **Tamil Nadu's S Dhanalakshmi - won the most anticipated women's 100m final with a timing of 11.39 seconds**

☐☐ The 22-year-old from Trichy beat seasoned campaigner Dutee – who was second with 11.58 seconds.

☐☐ Dhanalakshmi hails from the Gundur village, which is about 10 km from Trichy.

☐☐ **Tamil Nadu's C Kanimozhi - won the women's 100m hurdles at the 24th Federation Cup athletics meet in Patiala**

Tamil Nadu's S Dhanalakshmi - qualified for the women's 200m final after breaking legendary athlete PT Usha's meet record of 23.26 seconds set in Chennai back in 1998.

☐☐ Dhanalakshmi won the race at 23.30 seconds at the ongoing Federation Cup National athletics event in Patiala

☐☐☐☐ **Yashaswini Singh Deswal**

☐☐ India's Yashaswini Singh Deswal - won the gold medal in the women's 10m air pistol in the ISSF Combined shooting World Cup at the Dr Karni Singh Shooting Range in New Delhi

☐☐ **Coimbatore shooter P Shri Nivetha - partnered with Manu Bhaker and Yashaswini to win the team gold in the women's 10m air pistol event at the ISSF World Cup in New Delhi**

The 23-year-old Madhya Pradesh shooter, Chinki Yadav - won gold in the 25m sports pistol final at the shooting ISSF World Cup in New Delhi

- **Nethrakumanan**
 - ✓ First Indian women sailor to qualify for the Olympics
 - ✓ **Four Indian sailors,**
 - ✓ **NethraKumanan (Laser Radial Class),**
 - ✓ **Vishnu Saravanan (Laser Standard),**
 - ✓ **The duo of KC Ganapathy and**
 - ✓ **VarunThakkar in men's 49er Class - qualified for the Tokyo Games.**
- **Tamil Nadu's ArjunKalyan - became India's 68th Grandmaster**
 - ✓ The 18-year-old crossed the 2500 ELO mark in the 5th round of the ongoing GM Round Robin "Rujna Zora-3" tournament in Serbia.
- **PriyankaMohite**
 - ✓ From Satara in western Maharashtra has scaled Mt. Annapurna
 - ✓ the 10th highest mountain peak in the world, becoming the first Indian woman climber to achieve the feat
 - ✓ Mount Annapurna is a massif in the Himalayas located in Nepal that includes one peak over 8,000 metres and is considered to be one of the toughest mountains to climb.
- **Laureus World Sportsman of the Year Award 2021**
 - ✓ Tennis legend Rafael Nadal - won the **Laureus World Sportsman** of the Year Award 2021 at the virtual awards ceremony conducted in Seville, Spain recently.
 - ✓ **Naomi Osaka** won the prestigious **Laureus World Sportswoman** of the Year Award 2021.
 - ✓ **Sportsman of the Year Award: Rafael Nadal**
 - ✓ **Sportswoman of the Year Award: Naomi Osaka**
 - ✓ **Naomi Osaka wins top title at 2021 Laureus World Sports Awards**
 - ✓ World number two tennis player Naomi Osaka of Japan has been named "Sportswoman of the Year" at the 2021 Laureus World Sports Awards. This is Osaka's second Laureus Sports Awards. In 2019, she won the "**Breakthrough of the Year**" award.
- **Boxing - Shiva Thapa**
 - ✓ Indian boxer Shiva Thapa (64kg) - secured his fifth successive medal at the **Asian boxing championships this year 2021**
- **India gymnast Pranati Nayak - qualified through the continental quota for the Tokyo Olympics**
 - ✓ The 26-year-old from West Bengal will be the country's only gymnast participating in the next Olympics
 - ✓ Pranati is the second reserve behind Sri Lanka's Elpitiya Badalge Dona Milka Geh for the Asian quota
- India's **Rahi Sarnobat** clinched the **gold medal** in the women's **25m pistol** event at the **ISSF shooting World Cup.**

- She is the **first Indian to win** one silver and two bronze medals in the on going tournament. She scored 591 out of a maximum of 600 in

Winners of French Open Tennis Tournament 2021

- ✓ Men's Singles: Novak Djokovic (Serbia)
 - ✓ Women's Singles: Barbora Krejčíková (Czech Republic)
 - ✓ For Novak Djokovic (Serbia) This was his 19th Grand Slam title and the second French Open crown
 - ✓ Roger Federer and Rafael Nadal (20) are at the top of the list for most Grand Slam men's singles titles.
 - ✓ Djokovic was presented the Coupe des Mousquetaires by six-time champion, the legendary Swede Bjorn Borg.
- **Cristiano Ronaldo - equals the record for most number of international goals in men's football**
 - ✓ The 36-year old Ronaldo scored his 109th goal for Portugal in the Euro 2020 game against France on June 23 to equal former Iran striker and Asian football legend, Ali Daei's all-time international record.
 - **Indian archer, Deepika Kumari - reclaims World No. 1 ranking for recurve women after winning triple gold medals in Archery World Cup Stage III in Paris on June**
 - **Tamil Nadu - to send five athletes from the state for the Tokyo Olympics Games, out of the total 26-member athletics team announced**
 - ✓ The first time that five from the state have been named in the athletics squad 1. Arokia Rajiv, 2. Naganathan Pandi (both in men's 4x400m relay), 3. Revathi Veeramani, 4. Subha Venkatesan and 5. S Dhanalakshmi (all in 4x400m mixed relay) are named in the athletics squad for the marquee event.
 - **Youngest grandmaster**
 - ✓ Indian-American **Abhimanyu Mishra** - becomes the youngest Grandmaster in chess.
 - **Maana Patel - has become the first Indian female swimmer to qualify for the upcoming Tokyo Olympics through universality quota**
 - **Top para high-jumper Mariyappan Thangavelu was named the flag-bearer of the Indian contingent at the Tokyo Paralympics, which begin on August 24.**
 - **First Married Couple to Play Wimbledon**
 - ✓ Indian tennis player **Divij Sharan** and his British wife **Samantha Murray** - have become the first married couple to play the Wimbledon mixed doubles in the last 52 years.
 - **The Indian Olympic Association (IOA) - announced six-time world boxing champion M C Mary Kom and men's hockey team captain Manpreet Singh as India's flag-bearers for the Tokyo Olympics' opening ceremony on July 23 at the Japan National Stadium.**

- ✓ It will be the first time that the country's official Games contingent will have two flag-bearers - one male and one female - to ensure "gender parity", as has been advocated by the International Olympic Committee (IOC).
 - ✓ Star wrestler and World No.1 in men's freestyle 65kg category, Bajrang Punia, will lead the Indian contingent at the closing ceremony on August 8
 - ✓ Mary Kom will be featuring in her last Olympics in Tokyo, after winning the historic bronze at the 2012 London Games.
- **World No. 1 Ashleigh Barty - won her maiden Wimbledon women's singles title on May**
 - **COPA America**
 - ✓ Argentina - defeated Brazil by a solitary goal at the Maracana stadium in Rio de Janeiro on July 10 to claim their first Copa America title since 1993
 - **World No. 1 Novak Djokovic - won a record-equalling 20th Grand Slam title and sixth Wimbledon title after defeating first-time finalist Matteo Berrettini of Italy in a four set final**
 - **Wimbledon Boy Title**
 - ✓ Samir Banerjee, 17-year old Indian-American from New Jersey - defeated Victor Lillo (USA) 7-5, 6-3 to clinch the Wimbledon boys title and his first gram slam.
 - **Euro 2020 Roll of Honour**
 - ✓ Italy - won the European Championship 2020 by beating England 3-2 on penalties on July 11 at Wembley, UK
 - ✓ Italy last won the Euro in Rome in 1968, the first time a team clinched the title on home soil.
 - **Star shooter Saurabh Chaudhary- has featured in the Time magazine's recently-released list of 'athletes to watch out for at Tokyo Olympics'**
 - ✓ Saurabh is the only Indian to make it to the coveted list
 - **Deepak Kabra - has become the first Indian to judge the gymnastics competition of the Olympic Games**
 - ✓ Kabra will officiate in the men's artistic gymnasts at the Tokyo Games, which starts on July 23
 - ✓ Kabra became the first Indian judge to officiate in the 2014 Asian Games and Youth Olympics
 - ✓ Kabra was appointed as a member of the Asian Gymnastics Union's technical committee in 2018.
 - **Nobel Peace Prize awardee Muhammad Yunus of Bangladesh - will become the second recipient of the Olympic Laurel**
 - **The Tokyo 2020 Olympics - will officially start on July 23 at the National Stadium in the Japanese capital, Tokyo**
 - ✓ Japanese Emperor Naruhito will formally open the Olympic Games as his grandfather Hirohito did in 1964.

- **Japan's World No. 2 tennis player Naomi Osaka - served as the final Olympic torchbearer for the Tokyo Olympic Games and lit the Olympic flame during the opening ceremony held in Tokyo on July.**
- **Ace Indian weightlifter Mirabai Chanu - clinched a silver medal and became the first Indian to win an Olympic medal at the 2020 Tokyo Games in the women's 49kg weightlifting event on July**
- **Papua New Guinea's Loa Dika Toua - made history as the first female to compete in five Olympic weightlifting competitions on July**
- **Triathlete Flora Duffy - bagged the first Olympic gold medal in history for the tiny island of Bermuda in Tokyo.**
 - ✓ The 33-year-old crossed the line in the women's race ahead of Britain's Georgia Taylor-Brown, with US athlete Katie Zaferes taking bronze.
- **Harshit Raja - became India's 69th Grandmaster after securing his third and final norm at the Biel Masters Open 2021.**
- **India men's hockey team led by Manpreet Singh - defeated Germany 5-4 to win the bronze medal at the Tokyo Olympics on August .**
 - ✓ The last time India had won a medal in hockey was at the 1980 Moscow Games where they got the gold.
- **Indian wrestler Ravi Kumar Dahiya - clinched an Olympic silver medal after losing his 57 kg final to Russian two-time defending world champion Zaur Uguev on August**
- **1st Women Hockey team in India**
 - ✓ Indian women's hockey team - loses to Great Britain in field hockey bronze medal play-off match at the 2020 Tokyo Olympics on August.
- **India - sets a new Asian record in the men's 4x400m relay at the Tokyo Olympics**
 - ✓ The quartet of Amoj Jacob, Arokia Rajiv, Muhammed Anas and Noah Nirmal Tom bettered Qatar's 3:00.56 set at the 2018 Asian Games.
 - ✓ The Indian team finished fourth in Heat 2 of the relay with 3:00.25 seconds.
- **Ace wrestler Bajrang Punia - became the sixth wrestler to clinch a medal for India at the Olympics on August**
 - ✓ Bajrang won gold at the 2018 Asian Games and then won silver at the 2019 World Championships.
- **Medal Tally:**
 - ✓ The **United States** has topped the overall medal table with 113 medals, which includes 39 Gold, 41 Silver and 33 Bronze Medal.
 - ✓ **Indian Contingent** managed to win **7 medals** comprising 1 Gold, 2 Silver and 4 Bronze Medals. The country stood at the **48th position** in the medal table out of 86 countries.
- **India in the Tokyo Olympics 2020**

- ✓ India finished the Games with its best-ever Olympic medal tally of 7 in Tokyo Games 2020, surpassing the previous best record of 6 medals at the 2012 London Olympics.
- ✓ **MC Mary Kom**, and men's hockey team skipper, **Manpreet Singh**, were flag-bearers for the Indian contingent at the opening ceremony.
- ✓ **Bronze-medalist Bajrang Punia** was the **flag-bearer at the closing ceremony of the event.**

Indian Medal Winners List

Gold

- ✓ Men's Javelin Throw: Neeraj Chopra

Silver

- ✓ Women's 49kg Weightlifting: Mirabai Chanu
- ✓ Men's Freestyle 57kg Wrestling: Ravi Dahiya

Bronze

- ✓ Women's Welterweight boxing: **Lovlina Borgohain**
- ✓ Women's Singles Badminton: **PV Sindhu**

Men's 65kg Freestyle Wrestling: **Bajrang Punia**

Men's hockey: India men's hockey team

- ✓ Indian wrestler **Bajrang Punia** has won the Olympic wrestling bronze medal match after 8-0 win over Daulet Niyazbekov of Kazakhstan in the men's freestyle 65kg category.
- ✓ **Neeraj Chopra** has won a Gold medal for India in the javelin throw event at Tokyo Olympics. With a throw of 87.03 metres in his first attempt, Neeraj killed the competition.
- **Mariyappan Thangavelu**, 2016 Rio Paralympic Games gold medalist will be replaced by Asian Games gold medalist Tekchand as the new flag-bearer of India at the opening ceremony.
- **India's Mariyappan Thangavelu has won the silver medal in the men's high jump (T63) at the Tokyo Paralympics.**

Tokyo Paralympics 2020, Indian shooter Singhraj Adana has won the bronze medal in the P1 Men's 10m Air Pistol SH

- ✓ India finished their campaign at the **Tokyo Paralympics 2020** with an all-time high of 19 medals which includes five gold, eight silver, and six bronze.
- ✓ This is the best medal tally for India a single edition of the Paralympic Games. India is placed at 24th position in the overall medal tally out of a total of 162 nations
- **Indian Flag Bearers:**
 - ✓ Javelin thrower **Tek Chand** was the flag bearer at the opening ceremony of the Tokyo Paralympics.
 - ✓ Shooter **Avani Lekhara** was India's flag-bearer at the closing ceremony.
- **India at Paralympics 2020:**
 - ✓ India sent its biggest ever contingent of **54 para-athletes** at Tokyo Paralympics to compete across as many as 9 sporting disciplines at the Games.

- ✓ Prior to this, India had won a total of **12 Paralympics medals**, since making its first appearance at the Paralympics in 1968, till the 2016 Rio.
- ✓ The Indian theme song of Paralympics 2020 "**Kar de kamaal tu**". The composer and singer of the song is Sanjeev Singh, a Divyang cricket player from Lucknow.

List of Indian Paralympic Medal Winners

Event	Sportsperson	Medal
Women's 10m air rifle standing SH1 event	Avani Lekhara	Gold
F64 Javelin Throw	Sumit Antil	Gold
Badminton men's singles SL3	Pramod Bhagat	Gold
P4 mixed 50m air pistol SH1	Manish Narwal	Gold
Badminton men's singles SH6 -final	Krishna Nagar	Gold
Class 4 Table Tennis	Bhavina Patel	Silver
Badminton men's singles SL4 event	Suhas Yathiraj	Silver
T64 High Jump	Praveen Kumar	Silver
T42 High Jump	Mariyappan Thangavelu	Silver
F46 Javelin Throw	Devendra Jhajharia	Silver
F56 Discus Throw	Yogesh Kathuniya	Silver
T-47 High Jump	Nishad Kumar	Silver
P4 mixed 50m air pistol SH1	Singhraj Adana	Silver
F46 Javelin Throw	Sundar Singh Gurjar	Bronze

Men's 10m air pistol SH1	Singhraj Adhana	Bronze
T42 High Jump	Sharad Kumar	Bronze
R8 Women's 50m Rifle 3P SH1	Avani Lekhara	Bronze
Men's individual recurve archery	Harvinder Singh	Bronze
Badminton men's singles SL3	Manoj Sarkar	Bronze

➤ **US Open tennis - list**

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

- **India's Pankaj Advani** won the Asian Snooker Championship 2021 by defeating Amir Sarkhosh. He has won this title for a second consecutive time. He is the winner of the last Asian Snooker Championship held in 2019
- **India's R Raja Rithvik became chess Grandmaster** after he crossed the ELO Rating of 2500. The 17-year-old achieved this GM title in Vezerkepzo Grandmaster Chess Tournament at Budapest, Hungary. He thus became the 70th Grandmaster from the country.
- **The Beijing 2022 Winter Olympics unveiled its official motto,**
- ✓ **"Together for a Shared Future"**, during a ceremony at the city's Capital Museum. The motto was chosen after a lengthy process that included a total of 79 different proposals.
- **FIFA U-17 Women's World Cup to be Held in India in October 2022**
- **Pink Ball Test**
 - ✓ Indian women's cricket team opener Smriti Mandhana - became the first Indian woman to score a century in a pink-ball Test on October in Gold Coast, Australia
- **Anshu Malik.**

✓ Anshu Malik (57kg) - created history by becoming the first-ever Indian woman wrestler to reach the final of the World Championships.

➤ **Rahul Dravid appointed as Team India head coach**

✓ Batting legend and former captain **Rahul Dravid** has been officially appointed as the new head coach of the Indian cricket team, the BCCI announced on Wednesday.

✓ Dravid will take over the new role and begin his tenure as India's full-time coach from the home series against New Zealand starting **November 17**.

➤ **Tamil Nadu fencer Bhavani Devi - won in the individual women's sabre event at the Charlellville National Competition in France**

✓ The 28-year-old Bhavani made history at the Tokyo Games when she became the first Indian to compete in the sport.

✓ At the Tokyo Olympics, she won her round of 64 matches against Tunisia's Nadia Ben Azizi before losing to eventual bronze-medallist, Manon Brunet of France in the Round of 32

✓ Bhavani, who trains in Italy, is currently ranked 50th in the world and is the top-ranked fencer from India.

➤ **Khel Ratna Award 2021**

✓ For the first time ever, 11 sportspersons - have been recommended for this year's rechristened **Major Dhyan Chand Khel Ratna** by the national sports awards selection committee

1. Neeraj Chopra	Athletics
2. Ravi Dahiya	wrestling
3. PR Sreejesh	hockey
4. Lovlina Borgohain	boxing
5. Sunil Chhetri	football
6.Mithali Raj	cricket
7.Pramod Bhagat	para-badminton
8.Sumit Antil	para-javelin
9.Avani Lekhara	para-shooting
10.Krishna Nagar	para-badminton
11.Manish Narwal	para-shooting

➤ **India's quickest and 71st Grandmaster (GM)**

✓ On November 7, Sankalp Gupta - created history by becoming India's quickest and 71st Grandmaster (GM).

➤ **India's 72nd Grand Master**

✓ Bengal's Mitrabha Guha - became India's 72nd GM on November 9 by earning his third and final norm in the GM Third Saturday Mix 220 at Novi Sad, Serbia.

➤ **ISSF President's Cup**

✓ India finished the inaugural ISSF President's Cup with five medals, including two Gold, two Silver and one Bronze.

✓ The invitation-only tournament was held at the Wroclaw in Poland, featuring the top-12 shooters in each of the shotgun, pistol and rifle categories.

- ✓ India's Manu Bhaker bagged two gold medals.
- **India's first National Yogasana Sports Championships**
- ✓ India's first Physical National Yogasana Championships has been organised in Bhubaneswar, Odisha from November 11-13, 2021.
- ✓ The event aims to promote yoga and create a global brand around it, portraying it as a competitive sport with high standards and benchmarks.
- **Gran Canaria Sailing Championships**
- ✓ Nethra Kumanan wins gold in Gran Canaria Sailing Championships.
- ✓ India's Nethra Kumanan won gold in the laser radial section of the Gran Canaria sailing championships, one of the European regional open events, held in Gran Canaria (Spain), in November 2021.
She finished first in three of the six races while garnering a total of 10 Nett points.
- **Men's T20 World Cup**
- ✓ Australia - have beaten New Zealand by 8 wickets to win their first ever ICC Men's T20 World Cup title at the Dubai International Stadium on November 14.
- **Beijing Winter Olympics 2022**
- ✓ Jammu & Kashmir alpine skier Arif Khan qualifies for the Beijing Winter Olympics 2022.
Arif Khan has become the only Indian ski racer to secure a place in the Beijing Winter Olympics 2022.
- **World Athletics Award 2021**
- ✓ The Indian Athlete Anju Bobby George has won the Woman of the Year Award from World Athletics.
- ✓ She has won the award for grooming young girls to take up sports.
- ✓ She was the first Indian athlete to win bronze medal in long jump at the World Championships in Athletics held in 2013 in Paris.
- ✓
- **Ajaz Patel**
- ✓ Left-arm spinner Ajaz Patel on December 4, created history by taking all the 10 wickets in an innings in the 2nd test match against India.
- ✓ He became the third bowler after Jim Laker and Anil Kumble to achieve the feat.
- **Junior Hockey World Cup**
- ✓ Argentina junior hockey team - defeated six-time winners Germany 4-2 in the final of the Junior Hockey World Cup to clinch their second Junior Men's Hockey World Cup title at the Kalinga Stadium in Odisha on December 6.
- **Davis Cup**
- ✓ The Davis Cup 2021 was won by Russian Tennis Federation by a 2-0 lead over Croatia in the Davis Cup final in Madrid.
- **Commonwealth Weightlifting Championships 2021**
- ✓ Sanket Mahadev Sargar clinched the gold medal in Men's 55 kg snatch category.
- **26th Senior Women's National Football Championship**

Manipur - secured their third national title in a row and 21st overall at the 26th Senior Women's National Football Championship at the EMS Corporation Stadium, Kozhikode on December 9.

➤ **FIDE World Chess Championship Title**

- ✓ Reigning World Chess Champion, GM Magnus Carlsen - retains the Fide World Chess Championship title.
- ✓ Norway's Carlsen defeated Russian Challenger Ian Nepomniachtchi for his fifth successive World Chess title at Dubai's Expo 2020 on December 10 in the United Arab Emirates.

➤ **Asian Youth Para Games 2021**

India claimed 41 medals (12 Gold, 15 Silver, 14 Bronze) at the 4th Asian Youth Para Games (AYPG), Asia's biggest event held at Riffa city, Bahrain.

➤ **Asian Rowing Championships**

Indian rowers Arjun Lal Jat and Ravi - won the gold medal in men's double sculls event at the Asian Rowing Championships on December 11.

➤ **Formula One World Championship Title**

Red Bull's Max Verstappen - won his first Formula One World Championship title in season-ending Abu Dhabi on December 12.

➤ **Sports Journalists' Federation of India**

- ✓ The prestigious Sports Journalists' Federation of India (SJFI) Medal will be conferred on legendary cricketer Sunil Gavaskar.
- ✓ Neeraj Chopra was adjudged the SJFI Sportsman of the Year while weightlifter Mirabai Chanu was voted as the Sportswoman of the Year.
- ✓ The Indian men's team that won the hockey bronze in Tokyo was declared the Team of the Year.

➤ **Best Female Debut**

- ✓ On December 16, Indian shooter Avani Lekhara - won the "Best Female Debut" honour at the 2021 Paralympic Awards for her record-breaking gold medal at the Tokyo Games.
- ✓ Avani is the first-ever female Paralympic gold medallist from India.

➤ **Khel Ratna Award renamed as Major Dhyan Chand Khel Ratna Award**

- ✓ Prime Minister Narendra Modi has announced that Rajiv Gandhi Khel Ratna Award will be renamed as Major Dhyan Chand Khel Ratna Award

➤ **BBC Indian Sportswoman of the Year award 2021**

- ✓ Weightlifter Mirabai Chanu has won the BBC Indian Sportswoman of the Year award for 2021 on 29 March 2022.
- ✓ Chanu became the first Indian weightlifter to win a silver medal at an Olympic Games, when she finished second in the 49kg category in Tokyo.

SPORTS - 2022

➤ U-19 Asia Cup

- ✓ India - defeated Sri Lanka by nine wickets to win the U-19 Asia Cup at the Dubai International Cricket Stadium on December 31, 2021.
- ✓ In eight editions of the U-19 Asia Cup, India had won eight times, which includes a shared trophy in 2012.

➤ National Rowing Championships

- ✓ The quartet of Tamil Selvi, Rose Mastica Meril, Lavanya Nambiyar and Bagavathi R (Tamil Nadu) - finished third at the National Rowing championships at Pune, Maharashtra.

➤ Tasnim Mir

- ✓ 16-year old Gujarat girl, Tasnim Mir - created history by becoming the world No. 1 in the girls badminton singles category.
- ✓ As per the Badminton World Federation (BWF) U-19 rankings released on January 12, Tasnim has 10,810 points.
- ✓ Tasnim's feat has never been achieved by any Indian girl, including two-time Olympic medallist P V Sindhu and London bronze winner Saina Nehwal.

➤ FIFA Awards 2021

- ✓ Robert Lewandowski has been awarded the best men's player in the world at the FIFA awards 2021. In the women's award at FIFA awards 2021, Alexia Putellas added the FIFA trophy to her Ballon d'Or victory.

➤ Formula E World Championship

- ✓ Hyderabad bids to host Formula E World championship.
- ✓ It will be one of 60 cities across the world bidding to host the electric car race.
- ✓ Hyderabad officially bid as a candidate to host the Formula E World championship exclusively for electric cars, scheduled to be held between November 2022 and February 2023.

➤ AFC Women's Football Asian Cup

- ✓ The 20th edition of the AFC Women's Asian Cup began on 20 January 2022.
- ✓ It holds a special significance for India as this is the second time the country will be hosting the tournament after 1979.

➤ Syed Modi International 2022

- India's **top badminton player PV Sindhu - defeated Malvika Bansod to win the Syed Modi International 2022 women's singles title in Lucknow on January 23.**

➤ Mega Sports City

- ✓ Tamil Nadu government - is planning to develop a 500-acre, 700-crore Mega Sports City on the outskirts of Chennai.
- ✓ The sports city will have swanky facilities like finest athletic tracks, indoor cycling velodrome, hockey stadium, multipurpose indoor stadium for basketball, volleyball and boxing.

- ✓ The project is coming up near Thiruvadanthai, about 30km south of Chennai on East Coast Road (ECR).
- **Asia Cup Hockey Tournament**
- ✓ India - defeated China 2-0 to finish with a bronze at the women's 2022 Asia Cup hockey tournament in Oman, Muscat on January 28.
- **Ashleigh Barty**
- ✓ On January 29, Australia's Ashleigh Barty - scripted history by becoming the first *Australian* woman to *win* the year's first Grand Slam in 44 years.
- ✓ World No. 1 Ashleigh Barty beat 27th-seeded American Danielle Collins to win the Australian Open title at the Rod Laver Arena in Melbourne, Australia.
- **Australian Open**
- ✓ Spanish tennis legend Rafael Nadal - created history at the Rod Laver Arena after defeating Russia's World No. 2 Daniil Medvedev in the final of the Australian Open in Melbourne on January 30.
- ✓ With the win, the 35-year old World No. 1 became the first male tennis player to win 21 Grand Slam titles, going ahead of Switzerland's Roger Federer and Novak Djokovic of Serbia.
- **World Games Athlete of the Year**
- ✓ On January 31, Indian Hockey goalkeeper, P R Sreejesh - won the prestigious 'World Games Athlete of the Year' award for his 2021 performances.
- ✓ Indian women's hockey captain Rani Rampal, who won the award in 2020, is the only other Indian to win the honour for her performances in 2019.
- **Laureus 'World Breakthrough of the Year' Award**
- ✓ On February 2, India's champion javelin thrower Neeraj Chopra - nominated for the prestigious Laureus 'World Breakthrough of the Year' award.
- ✓ Neeraj was the first Indian track and field athlete to win an Olympic gold medal at the Tokyo Olympics on August 8, 2020.
- **Winter Olympics**
- ✓ On February 3, India - announced a diplomatic boycott of the Winter Olympics in China, scheduled from February 4-20.
- ✓ The Indian mission in Beijing will not participate in the opening and closing ceremonies of the Games.
- ✓ This followed the decision of China that Qi Fabao, a PLA regiment commander involved in the June 2020 Galwan clash was named as one of the torchbearer during the 'Torch Relay' at the Olympics.
- **2028 Los Angeles Olympics**
- ✓ The International Olympic Committee - has approved a proposal to include surfing, skateboarding and sport climbing for the 2028 Los Angeles Olympics scheduled for July 21 to August 6, 2028.
- ✓ Breakdancing will debut at the 2024 Olympics at the request of the Paris organisers.
- **U-19 World Cup**

- ✓ India - won a record-extending fifth U-19 World Cup title after defeating England by four wickets in the final at the Sir Vivian Richards Stadium in North Sound, Antigua on February 5.

Earlier, India had won the U-19 World Cup in 2000, 2008, 2012, and 2018.

➤ **Ireen Wust**

- ✓ Ireen Wust - became the first athlete to win individual gold at five different Olympic Games.
- ✓ Ireen Wust is already one of the best speed skaters in the history of the sport
- ✓ Dutchwoman Wust won the 1,500 meters at this edition in Beijing, thereby becoming the first athlete ever to win individual gold medals in five different Olympic Games.

➤ **Shakibul Gani**

- ✓ Bihar's Shakibul Gani - created history by hitting a triple century on his First Class debut in Kolkata on February 18.
- ✓ With this, Gani became the world's first-ever player to score a triple century on first-class debut.

✓ **International Olympic Committee's (IOC) session**

India - won the right to host the 2023 International Olympic Committee's (IOC) session in Mumbai

- ✓ The session, to be held in May or June next year, could possibly see the election for the host country for the 2030 Winter Olympics and sports programme for LA 2028 Olympic Games.

➤ **R Praggnanandhaa**

- ✓ Indian Grandmaster R Praggnanandhaa - stunned world no 1 Magnus Carlsen in the eighth round of the Airthings Masters, an online rapid chess tournament, on February 21.
- ✓ At 16, he is now the youngest player to defeat Carlsen since the latter became world champion for the first time in 2013.

➤ **Southeast Asian Games**

- ✓ Vietnam is set to host the thirty-first Southeast Asian Games from 12 May 2022 to 23 May 2022.
- ✓ The Southeast Asian Games will feature 40 sports with 526 events, attracting around 10,000 participants.

➤ **ISSF World Cup 2022**

- ✓ India's Rhythm Sangwan and Anish Bhanwala - won the gold medal in the 25m rapid fire pistol mixed team event on the concluding day of the ISSF World Cup in Cairo on March 7.
- ✓ The Indian duo emerged victorious over Thailand in the gold medal match.

➤ **Grandisacchi Cattolica International Open**

- ✓ Indian Chess Grandmaster SL Narayanan - won the Grandisacchi Cattolica International Open in Cattolica, Italy on March 8 while R Praggnanandhaa ended second.

➤ **Shefali Razdan Duggal**

- ✓ On March 11, US President Joe Biden - nominated Shefali Razdan Duggal, a Democratic party activist and fund-raiser, as the US envoy to the Netherlands.
- ✓ Shefali, an immigrant to the US from Kashmir, India, is an experienced political activist, women's rights advocate, and human rights campaigner

- ✓ This is the first time a grassroots party activist has been nominated as ambassador to a major country.
- **32nd Senior National Fencing Championships**
- ✓ Tamil Nadu's CA Bhavani Devi - won individual gold in the women's sabre event at the 32nd senior National fencing championships in Amritsar.
- ✓ This was the Tokyo Olympian's 10th individual gold at the Nationals.
- ✓ Bhavani Devi became the first Indian fencer to represent the country at the Tokyo Olympics in July 2021.
- **FIDE Chess Olympiad**
- ✓ Mamallapuram, the temple town by the Bay of Bengal, 40 km away from Chennai - set to host the 44th FIDE Chess Olympiad later this year.
- **Mondo Duplantis**
- ✓ Sweden's Mondo Duplantis - broke his own world pole vault record at the World Indoor Championships in Belgrade on March 20.
- ✓ US-born Duplantis cleared 6.20 metres on the third time at the Stark Arena to improve by 1cm his previous best set two weeks ago in the same Serbian venue.
- **Swiss Open Super 300**
- ✓ P V Sindhu - won the Swiss Open Super 300 badminton tournament in Basel, Switzerland on March 27.
- ✓ Playing her second successive final in the tournament, Sindhu, a double Olympic medallist, defeated fourth-seeded Thai Busanan Ongbamrungphan in straight sets for her maiden Swiss Open title at the St. Jakobshalle.

OBITUARY

➤ **Dr V Shanta (94 years) – passed away on January 19 in Chennai**

- ✓ Dr Shanta joined Adyar Cancer Institute as a resident medical officer in 1955, a year after it was founded by Dr Muthulakshmi Reddy, one of the first women graduates of medicine in India and a legislator.
- ✓ Dr. Shanta was on the World Health Organisation Advisory Committee on Cancer till March 2005.

➤ **D Pandian – passed away in Chennai on February**

- ✓ A multifaceted personality, the former Lok Sabha MP and CPI state secretary was a skilled orator, writer and trade union leader, who was active in state and national politics
- ✓ Pandian won the North Chennai Lok Sabha constituency for two terms, 1989-1991 and 1991-1996
- ✓ He was also editor of Janasakthi, the party's daily newspaper.
- ✓ He served as a member of the CPI national council till the end.

□□ **R Krishnamurthy, Veteran editor and eminent epigraphist**

□□ Krishnamurthy studied inscriptions in Vatteluttu in different parts of the state and also discovered a coin with the name Peruvaluthi, a Sangam-age Pandya king, engraved in Tamil-Brahmi script in Madurai

□□□□ **Guru Chemancheri Kunhiraman Nair**

- Died at his residence near Cheliya in Koyilandy on March 15 following age-related ailments
- The Government of India awarded him the fourth highest civilian honor, Padma Shri in 2017

➤ **V. Anaimuthu (Periyar scholar - 96 years)**

- ✓ Anaimuthu was an authoritative researcher on E V R Periyar and a voice on social justice
- ✓ His book series 'Periyar E. Ve. Ra. Sinthanaigal (Thoughts of Periyar EVR), containing Periyar's speeches on various issues including social welfare and social justice, remained a treasure for those who are researching Periyar.
- ✓ He founded the MarxiyaPeriyariyaPodhuvudamaiKatchi (Marxist Periyarist Communist Party) Anaimuthu had spread Periyar's ideas of social reforms through his magazine 'Sinthanaiyalar'.

➤ **Celebrated Tamil actor Vivekh – passed away in Chennai after being hospitalized due to cardiac arrest on April 17**

- ✓ Padma Shri awardee in the year 2009

- ✓ The legendary 'Kalaivanar' NS Krishnan, he portrayed his brand of comedy through which he delivered social messages in a humorous way, and came to be addressed as ChinnaKalaivanar
- ✓ The actor has been a life-long campaigner for planting trees through 'Green Kalam movement' (later changed to Green Globe), which he launched in 2010 under the guidance of former President APJ Abdul Kalam.
- **MaidavoluNarasimham – known as the father of “banking sector”“reforms in India” – passed away on April 20.**
 - ✓ Narasimham was a career central banker who moved to the finance ministry
 - ✓ As a senior RBI official, he influenced policy at the time of bank nationalisation in 1969 and authored a report in 1991 that paved the way for private banks.
- **Soli Sorabjee (91 years), former Attorney General of India**
- **Kalaimamani awardee M J c comagan (48 years) - died of covid - 19 on May**
- **KR Gouri Amma**
 - ✓ Gouri was the first woman from the Ezhava community to secure a law degree.
 - ✓ She was formally initiated into the Communist party by its founder leader P Krishnapillai in 1947.
 - ✓ She won the first election to the Kerala assembly in 1957 and became the first revenue minister of the state.
- **Ki - Ra**
 - ✓ Popular Tamil writer, short story teller and novelist, Ki Rajanarayanan (98 years) - passed away late on May
 - ✓ Ki Ra, as he was popularly known in the Tamil literary circles, won the Sahitya Akademi award in 1991 for his acclaimed 'Gopallapuratthu Makkal' novel.
 - ✓ Ki Ra, the pioneer of the literary genre 'Karisal Illakkiyam' (the literature of the dry lands) and a master folklorist, was a school drop-out.
- **Tamil Nadu government - will erect a statue in memory of eminent Tamil writer Ki Rajanarayanan at Kovilpatti in Tuticorin district.**
- **Sundarlal Bahuguna**
 - ✓ Renowned environmental activist and leader of Chipko Movement Sundarlal Bahuguna (94 years) - died in Uttarakhand at the AIIMS in Rishikesh due to Covid-19 on May.
 - ✓ A long-time follower of **Gandhian principles**, Bahuguna transformed the Chipko Movement against deforestation in the 1970s across garhwal region into a key milestone in India's forest conservation efforts.
- **Sri Kumar Banerjee**
 - ✓ Srikumar Banerjee, former chairman of **the Atomic Energy Commission - died due to a heart attack at his residence in Navi Mumbai on May**

- ✓ Banerjee was conferred “**Shanti Swarup Bhatnagar Prize** for science and technology” in 1989 and the ‘**Padma Shri**’ award in 2005
- ✓ He retired as chairman of the **Atomic Energy Commission** and secretary of the Department of Atomic Energy in 2012
- ✓ Banerjee’s work focused on physical metallurgy and material science.

➤ **V Kalyanam**

- ✓ Mahatma Gandhi’s former personal secretary V Kalyanam passed away. He was Gandhi’s personal secretary from 1943 to 1948, when the Mahatma was assassinated.
- ✓ Kalyanam was preserving letters written by Gandhiji, a cheque bearing his sign and other literature associated with him.
- ✓ He was proficient in Bengali, Gujarati, Hindi, Tamil and English. A staunch follower of Mahatma Gandhi, he was also associated with Rajaji in the 1960s.

➤ **Raghunath Mohapatra**

- ✓ Eminent sculptor, architect, and Rajya Sabha member, Raghunath Mohapatra has passed away while undergoing treatment for COVID-19.
- ✓ Hailing from Odisha, Mohapatra was awarded Padma Shri in 1975, Padma Bhushan in 2001 and Padma Vibhushan in 2013 for his pioneering contributions to the world of art, architecture and culture.

➤ **Former NSG director general J K Dutt (72 years)**

- ✓ who headed the ‘Operation Black Tornado’ commando force during the 2008 Mumbai terror attacks – passed away on May 19 due to complications arising out of Covid-19

☐☐ **G V Ramakrishna (91 years)**

- ☐☐ Former chairman of the Securities and Exchange Board of India (Sebi)
- ☐☐ The Disinvestment Commission, chaired by Ramakrishna, was set up to advise, supervise, monitor and publicise gradual disinvestment of Indian PSUs.
- ☐☐ He became the chief Secretary of Andhra Pradesh in 1983, and then worked with the Union government in the ministries of finance, industry, Steel, Coal and Petroleum

➤ **Milkah Singh**

- ✓ Four-time Asian Games gold medallist, Milkha Singh (90 years) - passed away on June 18 due to post-Covid complications at the Post Graduate Institute of Medical Education and Research (PGIMER) hospital in Chandigarh

➤ **Sornam**

- ✓ Noted journalist, Tamil film dialogue writer and director, K Sornam – passed away on June 8 at the age of 88 following a brief illness
- ✓ Sornam, whose name appears as Swarnam or Swornam in film credits, had written dialogues for 17 films of MGR including ‘Nam Naadu’ and ‘Adimai Penn’.
- ✓ He was the editor-in-charge for the magazine Ilaya Suriyan and was in-charge of ‘Pudhaiyal’, a weekly supplement published in ‘Murasoli’ newspaper
- ✓ Sornam was honoured with the Kalaignar Award in 2005.
- ✓ Sornam went on to head the film institute in Chennai, besides being the secretary of Tamil Eyal Isai Nadaga Manram, a state-owned body.

➤ **Padma Shri Awardee Eminent Environmentalist Radhamohan Passes Away**

Padma Shri winning noted Economist and Environmentalist Prof Radhamohan Ji has passed away. He was 78.

➤ **Tamil scholar and orator 'Kalaimamani' So Sathiyaseelan (88 years) - passed away in Trichy.**

- ✓ Fondly referred to as 'Sollin Selvar' after the award he received in 2015, Sathiyaseelan was known by various epithets such as Ilakkiya Peroli, Navukkarasar, Natramizh Vel, Kamba Kavalar and Tamil Neri Semmal.
- ✓ Born to freedom fighter parents on April 14, 1933, in Perambalur, Sathiyaseelan was conferred with the 'Kalaimamani' award in 2011 for his service to Tamil language.

➤ **Former Indian cricketer and 1983 World Cup winner Yashpal Sharma (66 years) - has died of cardiac attack in Delhi on July**

➤ **Danish Siddiqui, a Pulitzer Prize-winning Indian photojournalist with the Reuters news agency - was killed on July**

➤ **India's oldest learner and Nari Shakthi awardee, Bhageerathi amma (107 years) of Kollam district in Kerala - passed away on July following age-related illness**

➤ **Prominent Tamil scholar Pulavar R Ilankumaranar (94 years) - passed away late on July 25 at his residence in Madurai due to age-related health issues**

- ✓ Ilankumaranar participated in the grand function of installation of the 133 feet tall statue of saint-poet Thiruvalluvar in Kanyakumari by the then chief minister M Karunanidhi
- ✓ In 2003, the then President APJ Abdul Kalam released Ilaknumaranar's yet another book titled 'Sanga Ilakkiya Varisaiyil Purananooru'.
- ✓ Madurai Kamaraj University, where he worked as a guest lecturer, honoured him with 'Tamil Peravi Semmal' award in 2009

➤ **Farewell to Mayiladuthurai's 'Florence Nightingale'**

- ✓ Mayiladuthurai town bid a tearful farewell to its own "Florence Nightingale", who recently died after decades of maternity service to the local population.
- ✓ Phyllis Rodrigues, 98, was a gynaecologist at the Dharmapuram Adheenam Free Maternity Home for over 35 years.

➤ **Former UP CM Kalyan Singh Passes**

- ✓ Former Uttar Pradesh chief minister Kalyan Singh died at the Sanjay Gandhi Post Graduate Institute of Medical Sciences in Lucknow 21 August 2021.
- ✓ In 1991, Singh became the first BJP chief minister of the country's most populous state.

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

➤ **Kannada superstar Puneeth Rajkumar passes away**

- ✓ Kannada actor Puneeth Rajkumar passed away in October 2021.
- ✓ Puneeth was the son of legendary actor, Rajkumar.
- ✓ He was known to fans as "Appu" - after the 2002 film in which he played his first lead role.

➤ **Philosopher Koneru Ramakrishna Rao**

- ✓ Well-known educationist, teacher, and philosopher, Koneru Ramakrishna Rao passed away.
- ✓ He was an internationally recognized psychologist and served as president of the US-based Parapsychological Association and the Indian Academy of Applied Psychology.
- ✓ He was awarded Padma Shri in 2011. Ramakrishna Rao was instrumental in bringing in numerous curricular reforms to link classrooms with the community during his tenure as the Vice-Chancellor of Andhra University and Chairman of the APSCHE.
- **Kovi Manisekaran**
- ✓ Sahitya Akademi award winning writer, Tamil scholar and film director, Kovi Manisekaran - died at the age of 96 on November 18.
- ✓ A prolific writer and a respected figure in Tamil literary and cinema circles, Manisekaran has written eight plays, several short story collections, novels, poems, and essays.
- ✓ He was awarded Sahitya Akademi award for his novel 'Kutrala Kuravanji' in 1992.
- **World's Oldest Woman**
- ✓ The world's oldest woman, Francisca Susano passed away at the age of 124, in November 2021.
- ✓ She was the last person alive who was born in the 19th century.
- ✓ Born and brought up in the Philippines, she was affectionately known as Lola.
- **Veteran journalist - Vinod Dua**
- ✓ Vinod Dua, veteran journalist, and Padma Shri awardee. He was a pioneer in Hindi journalism, with stints at Doordarshan and NDTV.
- **Chief of Defence Staff - General Bipin Rawat**
- ✓ Chief of Defence Staff *Gen Bipin Rawat*, his wife and 11 others - died in an IAF helicopter crash near Coonoor in Tamil Nadu's Nilgiris district on December 8.
- **Nanda Kishore Prusty**
- ✓ Nanda Kishore Presti (Nanda Sir), a renowned teacher and Padma Shri award winner from Odisha, has passed away.
- ✓ On November 9, 2021, he was honored with the Padma Shri Award for his contribution to the field of education.
- **Lina Wertmuller**
- ✓ Italian writer-director Lina Wertmuller, the first woman ever to be nominated for best director at the US Academy Awards - has died at the age of 93.
- **Group Captain Varun Singh**
- ✓ Decorated air warrior *Group Captain Varun Singh* - died at the IAF Command Hospital in Bengaluru on December 15.
- ✓ Varun Singh was rescued after the helicopter crash that killed Chief of Defence Staff General Bipin Rawat and 12 others on December 8.
- **Justice (retd) G T Nanavati**
- ✓ Justice (retd) G T Nanavati, a former Supreme Court judge who probed the 2002 and the 1984 riots - passed away in Ahmedabad on December 18.
- ✓ Nanavati was born in 1935 and enrolled as an advocate at the Bombay high court in February 1958.

- ✓ **Archbishop Desmond Tutu**
- ✓ South African anti-apartheid icon and a modern-day activist for racial justice and LGBT rights, Archbishop *Desmond Tutu (90 years)* - *died* in Cape Town, South Africa on December 26.

➤ **Edward O Wilson**

- ✓ The renowned Harvard biologist, Edward O Wilson - has died at the age of 92 on December 26 in Burlington, US's Massachusetts.
- ✓ The professor and two-time Pulitzer Prize-winning author first gained widespread attention for his 1975 book, "Sociobiology: The New Synthesis".

➤ **Eminent Bengali writer Buddhadeb Guha, has passed away.**

- ✓ He was the author of many notable works such as "Madhukari" (Honey Gatherer), "Koeler Kachhe" (Near the Koel bird) and "Sobinoy Nibedon" (Humble Offering).
- ✓ He also won several awards including Ananda Purashkar in 1976, Shiroman Purashkar and Sharat Puraskar.

OBITUARY - 2022

➤ **Pandit Birju Maharaj**

- ✓ Legendary Kathak dancer, Pandit Birju Maharaj has passed away at the age of 83. A recipient of the country's second-highest civilian award, Padma Vibhushan, he was fondly called Pandit-ji or Maharaj-ji by his disciples and legions of followers and was one of India's best-known artistes.

➤ **M.K. Prasad**

- ✓ Noted environmentalist M.K. Prasad passes away.
- ✓ He had played a crucial role in creating public awareness across the State for protecting the verdant forests of the Silent Valley during the early 1970s.
- ✓ He had played a leadership role in the Save Silent Valley campaign, considered the first popular campaign for protecting a forest ecosystem in the State.

➤ **R Nagaswamy**

- ✓ Renowned archaeologist, art historian and epigraphist, R Nagaswamy (91 years) - passes away due to age related ailments in Chennai on January 23.
- ✓ Nagaswamy served as a curator for art and archaeology at the Madras Museum from 1959, and later joined the Tamil Nadu State Department of Archaeology as an assistant special officer in 1963.
- ✓ He was a recipient of various other awards, including the Tamil Nadu government's 'Kalaimamani' Award.

➤ **Lata Mangeshkar**

- ✓ Legendary singer Lata Mangeshkar passed away on February 6, 2022.
- ✓ She crooned songs in over a thousand Hindi films and has sung in over thirty-six Indian languages.
- ✓ Nicknamed as 'The Nightingale of India', the singer was bestowed with India's highest civilian honor Bharat Ratna in 2001.

- ✓ She was also honored with the Padma Vibhushan and Padma Bhushan.
- **Luc Montagnier**
- ✓ French researcher and virologist Luc Montagnier, who won a noble prize for discovering HIV in 2008 – died on February 8 at the age of 89 years at Neuilly-sur-Seine, Paris.
- ✓ His involvement in studying about AIDS started in 1982, when the information about a transmissible agent, possibly a virus, was circulated.
- **Praveen Kumar Sobti**
- ✓ Actor-athlete Praveen Kumar Sobti passed away.
- ✓ He was best known for playing Bheem in the TV series “Mahabharat” and for winning an Asian Games gold medal.
- ✓ He won four medals at the Asian Games, including two gold medals in 1966 and 1970.
- **Pranab Dastidar**
- ✓ Pranab Dastidar, who pushed the button on India’s first nuclear weapon test at Pokhran on May 18, 1974, passed away recently in California on February 11.
- ✓ A reputed scientist, Pranab played a key role in the development and design of the reactor of India’s indigenous nuclear submarine INS Arihant.
- **Shane Warne**
- Australia’s legendary legspinner Shane Warne – passed away in Koh Samui, Thailand following a suspected heart attack on March 4 at the age of 52.
- ✓ Warne claimed 708 Test wickets in a 15-year career for Australia between 1992 and 2007, and was also an ODI World Cup winner in 1999.
- ✓ He was the second highest wicket taker in Test history and only Sri Lanka off-spinner Muttiah Muralitharan has more wickets than him with 800 wickets.
- **S F Rodrigues**
- ✓ Former Indian Army Chief General S F Rodrigues died at 88.
- ✓ General Sunith Francis Rodrigues (retd) has passed away on 4th March 2022 at the age of 88. he headed the Indian Army between 1990 and 1993 and served as the governor of Punjab between 2004 and 2010.
- **Mina Swaminathan**
- ✓ Mina Swaminathan, distinguished chair, Gender and Development, at the M.S. Swaminathan Research Foundation and wife of illustrious agricultural scientist M S Swaminathan - passed away in Chennai at the age of 89 on March 14.
- ✓ Mina Swaminathan was a teacher-educator and writer on early childhood education (ECE).

REPORT

- **Bombay Stock Exchange (BSE) index 50000-mark:**
 - ✓ On January 21, the 30-scrip benchmark BSE index, Sensex crossed the historic 50000-mark for the first time ever to reach a lifetime high at 50,181 points.
 - ✓ The index doubled after reaching a multi-year low of 25,639 points on March 24 last year due to the coronavirus pandemic.
- **Global Forest Goals Report, 2021.**
 - ✓ 1.6 billion people representing 25% of global population are dependent on forests for their survival
 - ✓ The main objective of the plan is to increase the forest area in the world by 3% by 2030
- Karnataka has been ranked first in establishing **Health and Wellness Centres under Ayushman Bharat Program** to provide comprehensive primary health care in rural areas.
- **'Global Assessment Report (GAR) on Drought 2021'**
 - ✓ The report has estimated the "impact of severe droughts on India's GDP to be about 2-5% per annum"
 - ✓ Accordingly, the recent major droughts in Tamil Nadu contributed to 20% reduction in the primary sector causing an overall 5% drop in industry and a 3% reduction in the service sector
- **Billionaires Richard Branson and Jeff Bezos - will cross the space frontier at 100km up in the sky and spend about 5 minutes each in zero gravity.**
 - ✓ They will be the first amateurs to do so in privately designed and owned spacecraft
 - ✓ Amazon founder Jeff Bezos announced he would take a trip to space with his brother Mark on July 20
 - ✓ Anousheh Ansari, became the first woman commercial traveller – fourth overall – in September 2006.
 - ✓ Global financial services firm, UBS expects space tourism to be a \$3-billion market by 2030.
- **Amazon founder Jeff Bezos, the world's richest man - became the planet's wealthiest "astronaut" on July 20, after travelling to outer space in his own rocket to mark a new era in private space travel**
- **India's infant mortality rate (IMR) - has dropped from 50 to 30 between 2009 and 2019, according to data released by the sample registration system (SRS).**

State	IMR	Rank	Change from 2014	Nearest
Kerala	6	53	21	U.S. (46), China (61)
Delhi	11	79	30	Peru (75), Iran

				(84)
TN	15	102	7	Mauritius (96), Vietnam (105)
Maharashtra	17	110	6	Syria (112)
Punjab	19	115	4	Morocco (114), Algeria (116)
J & K	20	116	28	Indonesia (120)
WB	20	116	13	Algeria
Karnataka	21	122	12	Venezuela (122), Philippines (125)
Telangana	23	130	18	Iraq (127)
AP	25	136	18	Guyana (134)
Gujarat	25	136	12	Bhutan (133)
Haryana	27	143	7	Bangladesh (138)
Jharkhand	27	143	1	Nepal (138), Tajikistan (148)
Uttarakhand	27	143	-1	Rwanda (141), Eritria (149)
Bihar	29	147	16	S.Africa (146), Nambia (151)
Rajasthan	35	161	11	Kenya (155), Myanmar (162)
Odisha	38	169	8	Ethiopia (167), Timor (170)
Assam	40	174	3	Burundi (173), Sudan (176)
Chhattisgarh	40	174	-8	Zimbabwe (171), Zambia (178)
UP	41	176	-1	Sudan (176), Afghanistan (182)
MP	46	181	-2	Togo (180),

➤ **Global Carbon Project - Findings**

- ✓ The findings of the Global Carbon Project, a widely recognised international research project - was released on the side-lines of the UN Climate Conference (COP26) on November.
- ✓ Among the top four major emitters, China is projected as the worst emitter followed by the US, the EU (27 nations) and India.
- ✓ The percentage growth is projected to be the highest in India this year, even though the country will still be in fourth position in absolute terms.
- ✓ Reaching 'net zero' CO2 emissions by 2050 involves cutting global CO2 emissions by about 1.4 billion tonnes each year on average, as per the study.

➤ **WEF Report: Mission 2070- A Green New Deal for a Net Zero India**

- ✓ World Economic Forum (WEP) published its report titled "Mission 2070:

- ✓ A Green New Deal for a Net-Zero India” to provide a roadmap for India’s energy transition.
- ✓ India’s transition towards a green economy could contribute about \$1 trillion in economic impact by 2030.
- ✓ It will create more than 50 million jobs.
- ✓ The economic impact would increase to \$15 trillion by 2070.

- **United Nations Children's Fund - UNICEF**
- ✓ An estimated 240 million children globally are suffering from various disabilities, according to a UNICEF (United Nations Children's Fund) report released on 10 November 2021.

- **IQAir Air Quality Index**
- ✓ Delhi, Kolkata, Mumbai among world’s top 10 polluted cities.
- ✓ According to the data from air quality and pollution city tracking service from IQAir, a Switzerland-based climate group, Delhi, Kolkata and Mumbai are among the top ten most polluted cities of the world.
- ✓ Delhi topped the list with AQI at 556, Kolkata and Mumbai recorded an AQI of 177 and 169, respectively, at 4th and 6th position. The cities with the worst AQI indices also include Lahore, in Pakistan, and Chengdu, in China.

- **India - World’s Largest Recipient of Remittances**
- ✓ According to the latest report by the World Bank titled ‘World Bank’s Remittance Prices Worldwide Database’, India became the world’s largest recipient of remittances by receiving USD 87 billion in 2021.
- ✓ The United States (US) was its biggest source, accounting for over 20% of these funds.
- ✓ In India, remittances are projected to grow 3% in 2022 to USD 89.6 billion.

- **NITI Aayog Poverty Index**
- ✓ Bihar, Jharkhand, Uttar Pradesh, Madhya Pradesh and Meghalaya have emerged as the poorest states in India, as per NITI Aayog’s Multidimensional Poverty Index.
- ✓ Over 50% of the population in Bihar is classified as multidimensionally poor.
- ✓ Kerala, Goa, Sikkim, Tamil Nadu, and Punjab have registered the lowest poverty across India and are at the bottom of the index.

- **Word of the Year 2021**
- ✓ ‘NFT’, an abbreviation of the word ‘non-fungible token’, was revealed as Collins Dictionary Word of the Year 2021.
- ✓ Collins Dictionary defines NFT as a unique digital certificate, registered in a blockchain, that is used to record the ownership of an asset such as an artwork or a collectible.
- **Enrolment in Government Schools in Rural India**
- ✓ Enrolment in government schools in rural India - crossed 70%, even higher than pre-Covid days.
- ✓ This was revealed in the Annual Status of Education (Rural) (ASER-2021) survey report
- ✓ The survey was held across 25 states and three UTs.
- ✓ Gender-wise enrolment in government schools for girls is at 80% in 2021.
- ✓ State-wise, Uttar Pradesh (13.2%) and Kerala (11.9%) registered maximum increase in government school enrolment.

- **India’s Total Fertility Rate (TFR)**

- ✓ India's total fertility rate (TFR) or the average number of children born to a woman over her lifetime - has dropped below replacement level for the first time and stands at 2 now.
- ✓ The replacement level TFR, at which a population exactly replaces itself from one generation to the next, is estimated to be 2.1.
- ✓ This was revealed in the fifth edition of National Family Health Survey (NFHS) data for 2019-21.
- **National Family and Health Survey: India has more women than men**
- ✓ All three radical findings are part of the summary findings of the fifth round of the National Family and Health Survey (NFHS), which were released by the Union health ministry.
- ✓ India now has 1,020 women for every 1000 men, is not getting any younger, and no longer faces the threat of a population explosion.
- ✓ According to NFHS-3, conducted in 2005-06, the ratio was equal, 1000: 1000; it went down to 991:1000 in 2015-16 in NFHS-4.
- ✓ This is the first time, in any NFHS or Census, that the sex ratio is skewed in favour of women.
- **The Healthy States, Progressive India**
- ✓ NITI Aayog on 27 December 2021, released the fourth edition of "The Healthy States, Progressive India" report ranking states performance for the year 2019-20.
- ✓ Among the larger states, Kerala, Tamil Nadu and Telangana have emerged among the best three performers in terms of overall performance.
- **National Tiger Conservation Authority (NTCA)**
- India - has recorded a total of 124 tiger deaths in 2021, the highest in a decade.
- ✓ This was revealed in a data sourced from the National Tiger Conservation Authority (NTCA) till December 29, 2021 based on the deaths reported.

REPORT - 2022

- ✓ **Most Congested Cities in the World 2021**
- ✓ Mumbai was ranked as the fifth most congested city in the world 2021, as per TomTom's Traffic Index 2021.
- ✓ Bengaluru was ranked 10th in the index, followed by New Delhi at the 11th place and Pune at the 21st place.
- ✓ Istanbul was ranked as the most congested city in the world, followed by Russia's capital Moscow.
- ✓
- ✓ **Intergovernmental Panel on Climate Change**
- ✓ Intergovernmental Panel on Climate Change Working Group II's report titled 'Climate Change 2022: Impacts, Adaptation, and Vulnerability', has been released.
- ✓ It claims that escalated threats of floods and droughts will make India and Pakistan among the most vulnerable to climate change.
- ✓ Odisha, Assam, Meghalaya, Tripura, West Bengal, Bihar, Jharkhand, will get most severely affected.

✓ **Kerala Tops in Maternal, Child Health**

- ✓ Kerala has yet again emerged on top in maternal and child health, recording the lowest Maternal Mortality Ratio (MMR) of 30 (per one lakh live births) in the country.
- ✓ According to the latest Sample Registration System (SRS) special bulletin on maternal mortality in India (2017-19), brought out by the office of the Registrar General of India, Kerala's MMR has dropped by 12 points. The last SRS bulletin (2015-17) had put the State's MMR at 42 (later adjusting it to 43).

✓

✓ **National MMR is 103**

- ✓ This puts Kerala way ahead of the national MMR of 103. Another State which has made significant gains is Maharashtra, whose MMR dipped from 55 to 38.
- ✓ This is an exciting moment for us, because Kerala has already achieved the target it had set for itself, based on the U.N. Sustainable Development Goals, of an MMR of 30 by 2020, that too, one year ahead.

✓

✓ **2022 M3M Hurun Global Rich List**

- ✓ Mukesh Ambani is Asia's richest man with \$103 billion wealth.
- ✓ Reliance Industries Limited Chairman Mukesh Ambani is Asia's richest man with \$103 billion wealth, according to Global Rich List report compiled by research platform Hurun.
- ✓ Nykaa founder Falguni Nayar has become the newest billionaire in India.
- ✓ Adani Group Chairman Gautam Adani is the second richest man in India.

✓

✓ **World's Happiest Country**

- ✓ Finland has been named the world's happiest country for the fifth year running, in an annual UN-sponsored index that again ranked Afghanistan as the unhappiest, followed closely by Lebanon.
- ✓ India is ranked 136th. 135th - Sierra Leone, 137th - Burundi.

✓

✓ **World Air Quality Report 2021**

- ✓ Delhi most polluted capital.
- ✓ Sixty-three of the world's 100 most polluted cities are in India, according to the World Air Quality Report 2021, prepared by Swiss organisation IQAir, released on 22 March.
- ✓ Delhi remains the most polluted capital city in the world for the fourth consecutive year.
- ✓ The report said Delhi tops the list of capitals with the highest average annual PM2.5 concentration followed by Dhaka, Bangladesh.

IMPORTANT DAYS

JANUARY

Date	Day	Theme
January 1	Global Family Day	It is celebrated as a day of peace and sharing
January 4	World Braille Day	Braille, which serves as a communication medium for blind and partially sighted people
January 6	World Day of War Orphans	World Day of War Orphans is marked to create awareness about the plight of children who have lost their parents due to conflict.
January 9	Pravasi Bharatiya Diwas	Pravasi Bharatiya Divas (PBD) is celebrated every year to mark the contribution of Overseas Indian community in the development of the country
January 10	World Hindi Day	
January 11	National Human Trafficking Awareness Day	The day aims at raising awareness of the plight of human trafficking victims, and promoting and protecting their rights

January 12	National Youth Day	In India, the National Youth Day is celebrated on 12 January annually to commemorate the birth anniversary of Swami Vivekananda
January 14	Armed Forces Veterans Day	The day aims to acknowledge and honour the selfless devotion and sacrifice of our veterans in the service of the nation
January 15	Indian Army Day	The Army Day in India is celebrated every year, to salute the valiant soldiers who sacrificed their lives to protect the country and its citizens. This year marks the 74th Indian Army Day.
January 15	Thiruvalluvar Day	
January 16	National Startup Day	On January 15, Prime Minister Narendra Modi announced that <i>January 16</i> will be celebrated as ' <i>Startup</i> ' day as they will be the

		backbone of a new India
January 19	<u>NDRF Raising Day 2022</u>	The National Disaster Response Force (NDRF) celebrates its Raising Day every year on January 19th
January 24	National Girl Child Day	The day aims to spread awareness among the public about inequities faced by girls in the Indian society
January 24	International Day of Education	The theme of 4th International Day of Education in 2022 is Changing Course, Transforming Education. The celebration is led by the UN Educational, Scientific and Cultural Organization (UNESCO)
January 25	<u>National Voters Day 2022</u>	The National Voters Day aims to encourage the new voters to enroll themselves in the electoral process
January 25	National Tourism Day of India	The Indian government established January 25 as the National Tourism Day to raise awareness about the importance of tourism for the country's economy
January 26	73rd Republic Day	It was on this day in 1950 that the Indian Constitution came into effect. India thus became a sovereign state, declaring it a republic
January 28	Lala Lajpat Rai's 157th birth anniversary	
January 30	Shaheed Diwas or Martyrs Day	This day marks the death anniversary of Mahatma Gandhi
January 30	World Leprosy Day	This year theme of World Leprosy Day 2022 is "United for Dignity"
January 31	National Commission for Women (NCW) Foundation Day	The theme for 2022 is 'She The Change Maker'

FEBRUARY

Date	Day	Theme
February 2	World Wetlands Day	The international theme for World Wetlands Day 2022 is 'Wetlands Action for People and Nature'.
February 4	World Cancer Day	The World Cancer Day 2022-24 theme is "Close the Care Gap".

February 4	International Day of Human Fraternity	The day aims to raise awareness about different cultures and religions, or beliefs, and the promotion of tolerance.
February 6	International Day of Zero Tolerance for Female Genital Mutilation	The theme for 2022 is "Accelerating Investment to End FGM"
February 10	World Pulses Day	This year World Pulses Day's theme: "Pulses to empower youth in achieving sustainable agrifood systems"
February 10	National Deworming Day	It is observed to raise awareness about the importance of deworming all preschool and school-age children between the ages of 1-19 years
February 11	International Day of Women and Girls in Science	The 2022 theme of the Day is "Equity, Diversity, and Inclusion: Water Unites Us".
February 12	Darwin Day	The day is celebrated to commemorate the birth anniversary of Charles Darwin and the contributions he made in the field of science and humanity
February 12	National Productivity Day	The theme of the National Productivity Week 2022 is 'Self Reliance Through Productivity'
February 13	National Women's Day	National Women's Day is celebrated on the birth anniversary of the Nightingale of India Sarojini Naidu
February 14	International Epilepsy Day	International Epilepsy Day seeks to raise awareness and educate the general public on the true facts about epilepsy and the urgent need for improved treatment, better care, and greater investment in research

February 18	Pluto Day	Pluto Day is celebrated annually on February 18 to commemorate the anniversary of the discovery of Pluto in 1930
February 20	World Day of Social Justice	The theme for 2022 is "Achieving Social Justice through Formal Employment"
February 21	International Mother Language Day	Theme 2022 - "Using technology for multilingual learning: Challenges and opportunities"
February 22	World Thinking Day	The theme for World Thinking Day 2022 is Our World, Our Equal Future
February 27	National Protein Day	'Food Futurism' is the theme for the year 2022, declared by Right to Protein, a national level public health initiative
February 27	World NGO Day	The theme for 2022 is yet to be announced while the theme of World NGO Day 2021 was 'Celebrate, Commemorate, Collaborate, Donate'
February 28	National Science Day	Theme 2022 - 'Integrated Approach in Science and Technology for Sustainable Future'

MARCH

Date	Day	Theme
March 1	Zero Discrimination Day	The theme of the Zero Discrimination Day 2022 is 'Remove Laws That Harm, Create Laws That Empower.'
March 1	World Civil Defence Day	The theme of World Civil Defence Day 2022 is "Civil defence and management of displaced populations in face of disasters and crises; role of volunteers and the fight against pandemics"
March 3	World Hearing Day	The WHO has set "to hear for life,

		listen with care" as the theme for World Hearing Day 2022
March 3	World Wildlife Day	The theme for 2022 is 'Recovering key species for ecosystem restoration'
March 4	World Obesity Day	Theme 2022 - "Everybody needs to act"
March 4	National Safety Day	The theme for 2022 is 'Nurture young minds-Develop safety culture
March 8	International Women's Day	Theme 2022- 'Gender equality today for a sustainable tomorrow'
March 10	International Day of Women Judges	The day aims to recognise the efforts and contributions being made by women judges.
March 15	World Consumer Rights Day	The theme for World Consumer Rights Day 2022 is "Fair Digital Finance"
March 16	National Vaccination Day (India)	The theme for National Vaccination Day (India) 2022 is 'Vaccines work for all'
March 18	World Sleep Day	Quality Sleep, Sound Mind, Happy World' is the theme for World Sleep Day
March 20	World Sparrow Day	Theme 2021 - 'I love sparrows'
March 20	International Day of Happiness	The theme for Happiness Day 2022 is 'Keep Calm, Stay Wise and Be Kind'
March 21	International Day of Forests	The theme for 2022 is "Forests and sustainable production and consumption
March 21	International Day for the Elimination of Racial Discrimination	The 2022 edition of the International Day focuses on the theme "VOICES FOR ACTION AGAINST RACISM"
March 21	World Puppetry Day	The theme for 2022 is 'The Sea'
March 21	World Poetry Day	The aim is to support linguistic diversity through poetic expression and increase the opportunity for endangered languages to be heard
March 21	International Day of Forests	The theme for 2022 is 'Forests and Sustainable Production and Consumption'
March 21	World Down Syndrome Day (WDS)	The theme of World Down Syndrome Day this year is "Inclusion Means"
March 22	World Water Day	Theme 2022 - "Groundwater, making the invisible visible"
March 23	Martyrs' Day (Shaheed Diwas)	The Day is observed every year in honour of the valour and

		commitment of those who sacrificed their lives for the country
March 23	World Meteorological Day	The theme for 2022 is 'Early Warning and Early Action'
March 24	World TB Day	Theme 2022 - "Invest to End TB. Save Lives"
March 24	International Day for the Right to the Truth	The day aims to pay tribute to those who have devoted their lives or lost their lives in the struggle to promote and protect human rights for all
March 26	Earth Hour Day	The theme for Earth Hour Day 2022 is 'Shape our future'
March 27	World Theatre Day	Theme 2022 - "Theatre and a Culture of Peace"
March 31	International Transgender Day of Visibility	The International Transgender Day of Visibility (TDOV) occurs annually on March 31 to raise awareness of discrimination faced by transgender people worldwide, while also celebrating their contributions to society

APRIL

April 7	World Health Day	Theme 2021 - 'Building a fairer, healthier World for everyone'
April 10	World Homeopathy day	The day's theme in India for this year is "Homeopathy: Roadmap for Integrative Medicine"
April 13	JallianwalaBagh Massacre	It took place on 13 April 1919 at Amritsar and is also known as the Amritsar massacre
April 14	BhimJayanti	The Day is celebrated as 'Equality Day' as Ambedkar fought for equality throughout his life
April 18	World Heritage Day (International Day for Monuments and Sites)	Theme 2021 - "Complex Pasts: Diverse Futures"
April 21	National Civil Services Day	Sardar Vallabhai Patel often referred the Indian Administrative Service as "Steel Frame of India". The first National Civil Service Day function was held in VigyanBhawan, New Delhi on April 21, 2006
April 22	World Earth Day	Theme 2021 - "Restore our Earth"
April 24	National Panchayati Raj Day	The day aims to recognise and felicitate our Panchayats and to

		appreciate their leaders for their work towards building an AatmaNirbhar Bharat
April 26	World Intellectual Property	“Intellectual property and small businesses: Taking big ideas to market”
April 30	Ayushman Bharat Diwas	Theme –“SevaBhi – RozgarBhi

MAY

May 1	International Labour Day	Theme 2021- International Labour Day (also known as May Day or International Workers’ Day) is celebrated across the world on the 1st of May every year
May 3	World Press Freedom Day	Theme 2021 - “Information as a Public Good
May 4	World Asthma Day	Theme 2021 - “Uncovering Asthma Misconceptions”
May 5	World Hand Hygiene Day	Theme 2021 - ‘Seconds Save Lives: Clean Your Hands’
May 5	International Confederation of Midwives (ICM)	Theme 2021 - Follow the Data: Invest in Midwives
May 8	World Thalassaemia Day	Theme 2021 - Addressing Health Inequalities Across the Global Thalassaemia Community
May 8	World Red Cross Day	Theme 2021- Together we are unstoppable
May 8	World Migratory Bird Day	Theme 2021 - “Sing, Fly, Soar - Like a Bird!”
May 11	National Technology Day	Theme 2021 - Science and Technology for a Sustainable Future
May 12	International Nurses Day	Theme 2021- A voice to lead - A vision of future healthcare
May 15	International Family day	Theme-Families and new technologies
May 16	World Agri-Tourism Day	Theme 2021 - Rural Women Sustainable Entrepreneurship Opportunities through Agri Tourism
May 16	National Dengue Day	
May 17	World Hypertension Day (WHD)	Theme 2021 - Measure Your Blood Pressure Accurately, Control It, Live Longer

May 17	World Telecommunication Day	Theme 2021 - "Transformation in Challenging times"
May 18	International Museum Day	Theme - "The Future of Museums: Recover and Reimagine."
May 18	World AIDS Vaccine Day	Theme 2021 - "Global Solidarity, shared responsibility".
May 20	World Metrology Day	Theme 2021 - Measurement for Health
May 21	World Day for Cultural Diversity for Dialogue and Development	
May 21	National Anti Terrorism Day	
May 22	International Day of Biological Diversities	Theme - "We're part of the solution"
May 23	World Turtle Day	Theme 2021 - "Turtles Rock!"
May 23	International Day to End Obstetric Fistula	Theme 2021: "Women's rights are human rights! End fistula now!"
May 25	World Thyroid Day	The main purpose of the WTD is to aware of the importance of Thyroid and the prevention and treatment of thyroid diseases
May 29	International Day of UN Peacekeepers	Theme 2021 - "The Road to a lasting Peace : Leveraging the Power of Youth of Peace and Security".
May 31	World No Tobacco Day	Theme 2021 - "Commit to Quit"

JUNE

Day	Theme	Significance
June 1 World Milk Day	"Sustainability in the dairy sector with messages on nutrition"	White Revolution in India was started by Dr Verghese Kurien in 1970
June 3 World Bicycle Day	"Uniqueness, versatility, and longevity of the bicycle as a simple, sustainable, economical, and reliable mode of transportation"	The day aims at promoting the use of bicycles for a cleaner environment and a healthy lifestyle
June 5 World Environment Day (WED)	The World Environment Day slogan - "Recreate, Reimagine, Restore" - focuses on reversing the damage and restoring our ecosystems.	On the eve of WED this year, the World Health Organization (WHO) has joined 'UN Decade on Ecosystem Restoration' (2021-2030)
June 8 World Ocean Day	'The Ocean: Life and Livelihoods'.	The day aims to raise awareness about the impact

		of economic activities and human actions on ocean with a pledge to preserve them
June 12 World Day against Child Labour	'Act Now: End Child Labour.'	-
June 17 World Day to Combat Desertification and Drought	"Restoration. Land. Recovery. We build back better with healthy land"	-
June 21 International Yoga Day	'Yoga for well-being'	-
June 23 International Olympic Day	Stay healthy, stay strong, stay active with the #OlympicDay workout	-
June 25 International Day of Seafarer	'Seafarers: at the core of shipping's future'	-
June 26 International Day against Drug Abuse and Illicit Trafficking	Share Facts on Drugs, Save Lives'	-
June 29 National Statistics Day	End Hunger, Achieve Food Security and Improved Nutrition and Promote Sustainable Agriculture (Sustainable Development Goal or SDG 2 of the UN)	-

JULY

Day	Theme	Significances
<u>July 1</u> National Doctor's Day	"Save The Saviours."	Dr Roy was born on July 1, 1882, and passed away on July 1, 1962
<u>July 11</u> World Population Day	"Rights and Choices are the Answer:."	First World Population Day - July 11, 1989 Established by - UNDP.
<u>July 12</u> World Malala Day	-	Observed by United Nations from 2013. To honour of the young Pakistani human rights activist, Malala Yousafzai.
<u>July 15</u> World Youth Skills Day	"Reimagining Youth Skills Post-Pandemic."	Declared by: - United Nations General Assembly.

<u>July 17</u> World Day for International Justice or International Justice Day	"Social justice in the digital economy".	The day marks the importance of bringing justice for the victims of war crimes, crimes against humanity, and genocide.
<u>July 22</u> World Brain Day	"Stop Multiple Sclerosis"	The day was first observed in 2014
<u>July 23</u> National Broadcasting Day	-	First Radio Broadcast - 1927, from Bombay Station.
<u>July 24</u> Aaykar Diwas (Income Tax Day)	-	Observed by :- Central Board of Direct Taxes (CBDT) 161 st Income Tax Day
<u>July 26</u> Kargil Vijay Diwas	-	It is celebrated to honour the Kargil War's Heroes.
<u>July 28</u> World Hepatitis Day	"Hepatitis Can't Wait"	Screening and vaccination of healthcare workers against hepatitis B at government and private hospitals marked World Hepatitis Day.
<u>July 29</u> International Tiger Day	"Their Survival is in our hands"	<u>Tiger Reserves</u> India - 52 Tamil Nadu - 5 <u>Tiger Population</u> India - 2967 Tamil Nadu - 264

AUGUST

Day	Theme	Significances
<u>Aug 1</u> Muslim Women Rights Day	=	Triple Talaq
<u>Aug 7</u> <u>National Handloom Day</u>	Hand Loom - An Indian Legacy.	Second-largest source of employment in India
<u>Aug 1 to Aug 7</u> World Breastfeeding Week	"Protect Breastfeeding: A Shared Responsibility"	To provide them with essential nutrients and to protect them from many infections and diseases
<u>Aug 12</u> International Youth Day	"Transforming Food Systems: Youth Innovation for Human and Planetary Health"	It is an awareness day designated by the United Nations.
<u>Aug 12</u> World Elephant Day	Preservation and Protection	Spreading awareness against poaching

<u>Aug 18</u> Zero Shadow Day		Your shadow was to be right under you
<u>Aug 19</u> World Humanitarian Day	“The Human Race”	Focuses on boosting up the global action in order to combat climate change
<u>Aug 19</u> World Photography Day	-	To celebrate the art, craft, science and history of photography.
<u>Aug 21</u> World Senior Citizen Day	-	Exhibit appreciation to seniors and to understand their achievements.
<u>Aug 22</u> Madras Day	-	Village of Madrasapatnam was purchased by the East India Company from the Vijayanagar Empire

SEPTEMBER

Date	Day	Theme
September 1 - 7	National Nutrition Week 2021	The theme of the 2021 National Nutrition Week is “feeding smart right from start”.
September 2	World Coconut Day	‘Building a Safe Inclusive Resilient and Sustainable Coconut Community Amid COVID-19 Pandemic & Beyond’ World Coconut Day
September 5	Teachers Day 2021 in India	Dr Sarvepalli Radhakrishnan who was a philosopher and also a teacher and he made a lot of effort in order to contribute to the field of education
September 5	International Day of Charity	It was declared by the United Nations General Assembly in 2012
September 8	International Literacy Day: 08 September	The theme of 55th International Literacy Day is Literacy for a human-centred recovery: Narrowing the digital divide.
September 8	World Physical Therapy Day	-
September 9	Himalaya Day 2021	Theme - ‘Contribution of

		Himalayas and our responsibilities.
September 9	Himalaya Diwas	The day is observed with the aim of conserving Himalayan ecosystem and region
September 9	World EV Day	Special awareness campaigns are organised globally to educate people about the benefits of electric vehicles World EV Day
September 10	World Suicide Prevention Day	Theme 2021 - "Creating Hope Through Action"
September 15	Engineers Day	
September 15	International Day of Democracy	Theme 2021 - "Strengthening democratic resilience in the face of future crises"
September 21st	World Alzheimer's Day	Alzheimer disease and related dementia
September 25	Antyodaya Diwas	"uplifting the poorest of the poor" or "rise of the last person".
September 27	World Tourism Day	"Tourism for Inclusive Growth"
September 28	World Rabies Day	The theme for the WRD in 2021 is 'Rabies: Facts, not Fear'

OCTOBER

Date	Day	Theme
October 1	International day of older persons	Theme 2021 - Digital Equity for All Ages
October 5	World Teachers' Day	Theme for 2021 International Teachers Day is "Teachers at the heart of education recovery"
October 5	Ganga River Dolphin Day	
October 8	Indian Air Force Day	
October 8	World Egg Day	The theme for 2021 World Egg Day is "Eggs for all: Nature's perfect

		package”.
October 9	World Post Day	The theme of 2021 World Post Day is “Innovate to recover.”
October 9	World Migratory Bird Day	The Theme for 2021 WMBD is “Sing, Fly, Soar – Like a Bird!”
October 10	World Mental Health Day	Theme 2021- “Mental Health in an Unequal World”.
October 11	International Day of the Girl Child	The theme for 2021 International Day of the Girl Child is “Digital generation. Our generation”.
October 12	World Arthritis Day	The theme 2021 is Don’t Delay, Connect Today: Time2Work.
October 14	International E - Waste Day	The theme for 2021 IEWD is “Consumer is the key to Circular Economy!”
October 16	World Food Day	Theme 2021: “Safe food now for a healthy tomorrow”
October 20	World Statistics Day	“Connecting the world with data we can trust.”
October 20	World Osteoporosis Day	The Global WOD Campaign theme is “Serve Up Bone Strength”
October 21	Global Iodine deficiency Day	-
October 24	World Polio Day	World Polio Day is “ One Day. One Focus: Ending Polio - delivering on our promise of a polio-free world! ”
October 27	Indian Army celebrates 75th Infantry Day	-
October 27	World Occupational Therapy Day	The theme for 2021 is “Belong. Be You”.

October 30	World Thrift Day	The aim is to promote the importance of savings.
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NOVEMBER

Date	Day	Theme
1 November	Foundation Day	-
2 November	National Ayurveda Day	The day was started being celebrated with the objective of nationalising the ayurvedic system of medicine and make it global.
5 November	World Tsunami Awareness Day	World Tsunami Awareness Day in 2021 promotes the "Sendai Seven Campaign."
7 November	National Cancer Awareness Day	-
8 November	World Urbanism Day	World Urbanism Day, also known as "World Town Planning Day"
9 November	Uttarakhand Foundation Day	
9 November	National Legal Services Day	-
10 November	World Science Day for Peace and Development	The year 2021 marks the 20th edition of World Science Day for Peace and Development.
11 November	National Education Day	The day was announced by the Ministry of Human Resource Development on 11 September 2008
11 November	Armistice Day (Remembrance Day)	The day marks the anniversary of the signing of the Armistice that marked the end of the First World War in 1918

11 November	World Quality Day	Its theme is "Sustainability: Improving Our Products, People, and Planet".
11 November	World Usability Day	The theme for 2021 is "Design of our Online World: Trust, Ethics, and Integrity."
12 November	Public Service Broadcasting Day	-
12 November	World Pneumonia Day	World Pneumonia Day 2021 is an annual event that was first celebrated in the year 2009.
14 November	World Diabetes Day	Theme 2021-2023 - "Access to Diabetes Care - If Not Now, When?"
14 November	Children's Day	
17 November	World COPD Day 2021	The 2021 theme is Healthy Lungs - Never More Important.
18 November	Naturopathy Day	To promote positive mental and physical health through a drugless system of medicine, called as Naturopathy
15-21 November	National Newborn Week	The theme of National New-born Week 2021 is 'Safety, quality and nurturing care - the birth right of every new-born'.
19 November	International Men's Day	The theme for 2021 is "Better relations between men and women".
20 November	World Children's Day	Theme: A Better Future for Every Child.

21 November	World Television Day	The day is a reminder of the power of visual media and how it helps in shaping public opinion and influencing world politics.
21 November	World Day of Remembrance for Road Traffic Victims	Theme 2021 - "ACT for LOW SPEEDS /ACT for LOW SPEED STREETS".
22 November	World Investor Week 2021	"World Investor Week 2021". Under the event, they will conduct several educational activities.
25 November	International Day for the Elimination of Violence against Women	This year's theme for the International Day for the Elimination of Violence against Women is "Orange the World: End Violence against Women Now!".
26 November	National Milk Day	
November 18 to 24	World Antibiotic Awareness Week	The theme for this year was "Spread awareness. Avoid resistance".

DECEMBER

Date	Day	Theme
December 1	World AIDS Day	Theme - Ending Inequalities
December 2	National Pollution Control Day	
December 2	World Computer Literacy Day 2021	
December 3	International Day of Persons with Disabilities	Theme 2021 - "Leadership and participation of persons with disabilities toward an inclusive, accessible and sustainable post-COVID-19 world" .
December 4	Indian Navy Day	The theme of Indian Navy Day 2021 is 'Swarnim Vijay

		Varsh' .
December 5	World Soil Day 2021	
December 6	Mahaparinirvana Divas	
December 7	International Civil Aviation Day	Theme: "Advancing Innovation for Global Aviation Development".
December 7	Armed Forces Flag Day	
December 8	SAARC Charter Day	
December 9	International Anti-Corruption Day	The theme for 2021 is "Your right, your role: Say no to corruption".
December 10	Human Rights Day	The theme for 2021 is 'Equality-Reducing inequalities and advancing human rights'.
December 11	Mahakavi Subramanian Bharati's Birth Anniversary	
December 14	National Energy Conservation Day	Theme 2021 - 'Azadi ka Amrit Mahotsav: Energy Efficient India' and 'Azadi ka Amrit Mahotsav: Clearer Planet.'
December 16	Vijay Diwas	
December 18	Minorities Rights Day	
December 18	International Migrants Day	The theme of International Migrants Day 2021, is harnessing the potential of human mobility
December 20	International Human Solidarity Day:	The aim is to raise public awareness of the importance of solidarity, especially in the global arena
December 22	National Mathematics Day	
December 23	Kisan Diwas	
December 24	National Consumer Rights Day	Theme 2021 - 'tackling plastic pollution'.
December 25	Good Governance Day	Good governance Day is observed every year to create awareness about the duties and responsibilities of the citizens towards the government of the country.

