

GREEN EARTH TIMES

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ALL THE BEST FOR YOUR EXAMS

National Events

Pradhan Mantri Rashtriya Bal Puraskar

January 24, 2022

Ahead of Republic Day, Prime Minister Narendra Modi virtually interacted with the awardees of Pradhan Mantri Rashtriya Bal Puraskar (PMRBP) on January 24, 2022, amid covid-19 pandemic. Prime Minister also awarded them certificates digitally using block chain technology. He called these children inspiration for whole society and asked them to work by keeping in mind how their work can help the country.



Digital Sansad app launched

January 24, 2022

Indian Parliament has launched the 'Digital Sansad App' to make the Parliament proceedings accessible not just to the members but also to the public at large. With this move, Parliament has expanded its digital footprint. The Digital Sansad App is an initiative of Lok Sabha Speaker, Om Birla who has been constantly working to make the Parliament proceedings more accessible. The launch of the 'Digital Sansad App' will also be significant ahead of the Budget Session 2022 which will be presented by the Union Finance Minister Nirmala Sitharaman on February 1, 2022.



Delhi's One Stop E-Vehicle website

January 22, 2022

The Delhi Government recently launched the one-stop website to promote electric vehicles. The website is ev.delhi.gov.in. The website is open for manufacturers, buyers, charging station explorers. The main features of the website are EV search,

Amar Jawan Jyoti merged with National War Memorial flame

January 22, 2022

Amar Jawan Jyoti flame at India Gate was merged with the flame at the National War Memorial in a solemn ceremony on January 21, 2022. The historic ceremony was presided over by the Integrated Defence Staff Chief Air Marshal Balabhadra Radha Krishna who will be merging the two flames.



The eternal flame of Amar Jawan Jyoti had been burning for 50 years, ever since it was built in 1972 to honour the Indian soldiers who martyred in the 1971 Bangladesh Liberation War.

India celebrates 73rd Republic Day

January 26, 2022

India celebrated its 73rd Republic Day on January 26, 2022. The Republic Day Parade 2022 was held at Rajpath. President Ram Nath Kovind led the nation in celebrating the 73rd Republic Day. The 21-Gun Salute was presented by the Ceremonial Battery of 871 Field Regiment. Prime Minister Narendra Modi laid a wreath at the National War Memorial.

The Republic Day Flypast 2022 comprised 75 aircrafts and helicopters making different formations as they fly past Rajpath. The flypast included the current modern aircrafts/helicopters like Rafale, Sukhoi, Jaguar, Mi-17, Sarang, Apache and Dakota displaying various formations including Amrit, Eklavya, Rahat, Meghna, Trishul, Tiranga and Vijay.



EV calculator and EV dashboard. The website provides information about increasing charging infrastructure and the potential EV consumers.



Hologram Statue of Netaji

January 22, 2022

The Prime Minister Narendra Modi revealed a hologram statue of Netaji Subhash Chandra Bose near India Gate in Delhi on Netaji's 125th birth anniversary which falls on January 23rd. The statue is powered by 4k projectors, capable of delivering 30,000 lumens of brightness value. The cost of these projectors is around 15 lakh rupees. Their projection capacity is 13 by 13 feet. The statue is 6 feet wide and 28 feet tall. Apart from projector, the technology



also demands a screen. The screen is invisible to the visitors.

Modernisation of Kashmir Police Force

January 8, 2022

The Jammu & Kashmir police force is going to become the first police force in India, to possess modern American weaponry. Government has decided to equip the police force in Jammu & Kashmir with Sig Sauer MPX 9mm American pistols and American Sig Sauer rifles, in order to modernise it.



Import of the modern pistols will make Jammu & Kashmir police more aggressive against terrorism. The new weaponry will also help the police to face any tough situation such as room intervention of any building, where terrorists hide as well as during long-range attacks on terrorists.

Continued on page 2...

Our Publications

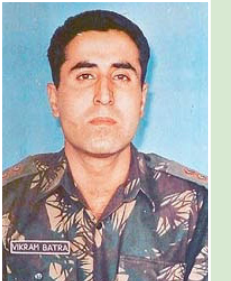
Mathematics 1 to 8 For CBSE & ICSE	Mathematics 1 to 8 For CBSE & ICSE	Computer 1 to 8 For CBSE & ICSE	Computer 1 to 8	Computer 1 to 8	Windows 10 1 to 8	E.V.S 1 to 5
Hindi Pathmala 1 to 8	Hindi Pathmala 1 to 8	Hindi Pathmala 1 to 8	Hindi Pathmala 1 to 8	Hindi Pathmala 1 to 8	Hindi Pathmala 1 to 8	Hindi Pathmala 1 to 8
English Grammar 1 to 8	English Reader 1 to 5	Science 1 to 5 For CBSE + ICSE	Semester Series (1 to 5)	My Creative Hands A, B, C & (1 to 5)	Mathematics (MCQs) (10)	Mathematics (MCQs) (10)
Twinkling Stars A series of 22 books for kindergarten						
Alphabet Nursery, KG	Alphabet Nursery, KG	Alphabet Nursery, KG	Alphabet Nursery, KG	Alphabet Nursery, KG	Alphabet Nursery, KG	Alphabet Nursery, KG

Lets Remember Real Heroes

Living a very comfortable life, we often forget that this life doesn't come to us for free. There are some men in uniform giving their sweat and blood 24×7 for us to live that way. For their supreme acts of bravery, cold courage and devotion to duty, they were also decorated with the Param Vir Chakra, the highest Indian gallantry award.

Captain Vikram Batra

Captain Vikram Batra, 13 Jammu and Kashmir Rifles, and his Delta Company were given the task of recapturing Point 5140. He single-handedly killed three enemy soldiers in close combat which left him seriously injured. Unmindful of his injuries, he insisted on continuing with the task at hand. The brave soldier was tragically killed when he tried to rescue an injured officer during an enemy counter attack.



Subedar Joginder Singh Sahnan

Outnumbered by twenty to one in perilous weather conditions, Subedar Joginder Singh's platoon of 30 soldiers repelled two waves of enemies (200 in each) and despite being reduced to half, once again set themselves up. Lacking everything but spirit, Subedar Singh and his handful of men fixed bayonets on their rifles and wreaked havoc on Chinese with their war cry everywhere in air: 'Jo Bole So Nihal, Sat Sri Akal'. With obvious superiority in strength, the enemy finally managed to capture the nearly-dead hero of the Indian Army who took his last breath as a Chinese POW.



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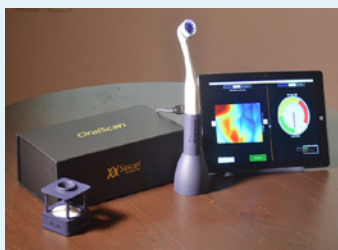
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Science and Information Technology

New Technology to detect Oral Cancer

January 28, 2022

The researchers from the Guru Nanak Institute of Dental Sciences in West Bengal have created a new method to detect oral cancers. It differentiates the cancerous stages and precancerous stages. The differentiation is done through high – standard biopsy reports. The team has created a new imaging device. The device screens the cancerous stage by measuring the blood flow rate in the tissues.



World's fastest AI supercomputer

January 25, 2022

According to Facebook parent company Meta, its new “artificial intelligence supercomputer” will be the fastest across the world, by the middle of year 2022. Meta introduced the AI Research Super Cluster (RSC) on January 24, 2022. It is believed to be among fastest AI supercomputers running today.

RSC will help in building new and improved AI models. It will also allow to work across hundreds of different languages. RSC will also help in building technologies for next major computing platform called “the metaverse”, where AI-driven applications and products will play a significant role.



First Molecular Electronics Chip

January 29, 2022

Realizing a 50-year-old goal of integrating single molecules into circuit for achieving scaling limits of Moore's law, Roswell Biotechnologies has developed first molecular electronics chip. It uses single molecules as universal sensor elements in the circuit for creating a programmable biosensor with real-time, unlimited scalability in sensor pixel density and single-molecule sensitivity.



NeoCov Coronavirus

January 29, 2022

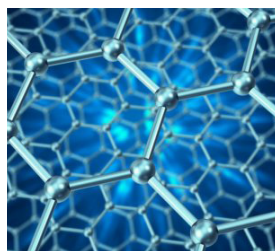
According to Chinese researchers, a type of coronavirus called NeoCov, which spreads among bats in South Africa is likely to pose threat to humans if it mutates further, in future. Study shows that, NeoCov is closely associated to Middle East Respiratory Syndrome (MERS), which is a viral disease first identified in 2012, in Saudi Arabia.



India's first Graphene Innovation Centre

January 28, 2022

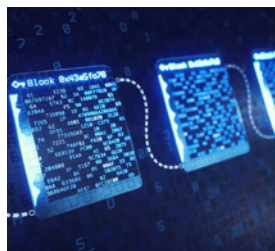
The first Graphene innovation centre of the country is set up in Kerala. This is the first research and development centre being established for graphene. Graphene is the strongest material in the world. Also, it is the thinnest material. Graphene has good electrical conductivity and chemical stability. It is transparent, light in weight and has a large surface area. Graphene is addressed to as “Wonder material” for its electronic and electrical properties.



Blockchain technology in Rashtriya Bal Puraskar

January 26, 2022

Recently, 61 winners of the Pradhan Mantri Rashtriya Bal Puraskar (PMRBP) 2021 and 2022 got digital certificates, that use blockchain-driven technology. The blockchain-driven technology has been developed under the “National Blockchain Project”, by Indian Institute of Technology Kanpur (IIT Kanpur). On the occasion, Director of IIT Kanpur Abhay Karandikar noted that, this technology can also be used to grant all certificates and degrees in the future.



TOI-2180 b: New Jupiter-like Exoplanet

January 20, 2022

A group of scientists recently discovered a new planet. The planet is of the size of Jupiter. The new planet is 379 light years away from the earth. It is 105 times denser than the earth. The planet is named TOI-2180 b. It takes 261 days for the planet to orbit its star. Its surface temperature is 76 degrees Celsius. It is not only denser than the earth, but also denser than the Jupiter. The planet is made of helium and hydrogen. The planet has rings and moons. It dims by half a percent in 24 hour period.



UV-C Disinfection Technology

January 18, 2022

The Government of India had put Ultra Violet-C Disinfection Technology for testing in Parliament, AC buses and trains. The technology is a huge success. It is now to be rolled out for the public. Also, the technology is to be used during ECI (Election Commission of India) poll meetings. It was developed by the CSIR-Council of Scientific and Industrial Research under the Ministry of Science and Technology.

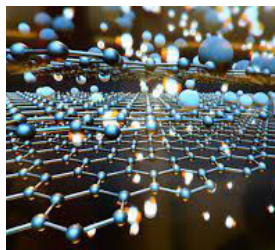
It disinfects air, porous surface and water. It kills the virus only when the virus is exposed to UV-C directly.



Discovery of New Strange Metal

January 16, 2022

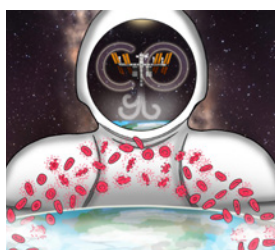
Scientists have recently discovered a new group of metals. The newly discovered metal group is called as “New Strange group of metals”. The characteristics of metals like copper or iron are predictable. That is, their melting point, reaction nature, malleability, ductility are known to human. The characteristics of this new group of metals are yet to be deciphered. They still remain a puzzle. Thus, these metals have been classified as strange metals.



What is space anemia?

January 15, 2022

The space travel damages the red blood cells in human body. Such condition where the RBC count in the body reduces due to space travel is referred to as Space anemia.



China's Artificial Moon

January 17, 2022

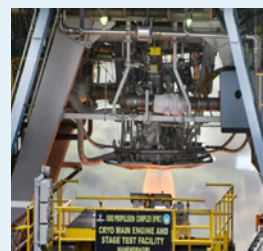
After China's artificial Sun reached temperatures five times hotter than the Sun, China is ready with its first artificial moon. Scientists have built an “artificial moon” research facility. The facility will help them in conducting low-gravity environments using magnetism. The artificial moon research facility is scheduled for official launch in the year 2022.



Cryogenic Engine Test for Gaganyaan

January 15, 2022

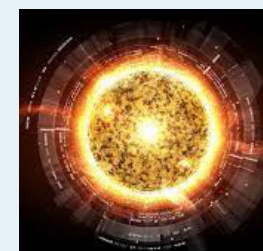
Indian Space Research Organisation (ISRO) successfully conducted the qualification test of cryogenic engine for Gaganyaan programme on January 12, 2022. The test was conducted for 720 seconds at ISRO Propulsion Complex, in Mahendragiri, Tamil Nadu. Performance of the engine met with the test objectives and parameters of the engine closely matched with predictions during entire duration of the test. This engine will be tested for four more times, for a cumulative duration of 1810 seconds.



China's 'Artificial Sun' – Recent Developments

January 8, 2022

China recently took an experiment on ‘Artificial Sun’ at the Hefei Institute of Physical Science in China's eastern province of Anhui. The experiment lays a solid scientific and experimental foundation for running of a fusion reactor. More than 10,000 Chinese and foreign scientific researchers took part in this \$948-million project called Experimental Advanced Superconducting Tokamak (EAST). It is a fusion reactor, that ran successfully for around 20 minutes at 70 million degrees Celsius in the recent test. It was five times hotter than Sun.



When a human is on the earth, his body creates and destroys two million Red Blood Cells per second. However, when the same person is in space, around three million Red Blood Cells are destroyed per second. This results in loss of 54% more RBCs when the person is in space. This lower count of RBCs is referred to as space anemia.

Deployment of James Webb Telescope

January 11, 2022

The James Webb telescope was launched by NASA on Christmas eve. The telescope can unfold only when it is in the orbit. The telescope succeeded Hubble Space Telescope. It was jointly developed by NASA, Canadian Space Agency and European Space Agency. It was launched in Ariane rocket. The unfolding of the telescope is human controlled.



The telescope took 15 days to align to its right form. It had 18 segments and they were all aligned manually. It took 12 days to align the mirrors. The alignment process is still going on and it is to take three months to get the telescope ready for its first flight.

National Events Continued from page 1...

Subhash Chandra Bose Aapda Prabandhan Puraskar

January 24, 2022

The Gujarat Institute of Disaster Management (GIDM) as well as Sikkim State Disaster Management Authority's Vice Chairman Vinod Sharma received the “Subhas Chandra Bose Aapda Prabandhan Puraskar 2022”. Both were presented award for their excellent work in disaster management. GIDM was selected in the Institutional category while, Vinod Sharma was named in individual category.



Commemorative Postal Stamp on Covid-19 vaccine

January 18, 2022

The Ministry of Health and Family Welfare recently released commemorative postal stamp on Covid-19 vaccine. The stamp was launched to mark the first anniversary of the National Covid Vaccination Programme or the Covid vaccination drive. The stamp has a health care worker vaccinating a senior citizen. The stamp also shows the image of Covaxin vial. The stamp was launched to signify the works done by the community workers and frontline health care workers, especially during the Covid-19 times.



Parakram Diwas: Netaji's 125th birth anniversary

January 24, 2022

On January 23, 2022, India celebrated 125th Birth anniversary of Netaji Subhas Chandra Bose. His birth anniversary is also marked as “Parakram Diwas or Courage Day. The government of India decided to celebrate the birth anniversary of Netaji Subhas Chandra Bose as Parakram Divas to honour and remember his indomitable spirit and selfless service to the nation.



National Start-up Awards 2021

January 17, 2022

Government of India announced the winners of “National Start-up Awards 2021” and felicitated 46 start-ups for their contribution in their respective sectors. Government also conferred an incubator and an accelerator with the award during this ceremony. This marked the second edition of National Start-up Awards.



New Directors of 4 IITs

January 11, 2022

Government appointed new directors to the Indian Institutes of Technology in Delhi, Indore, Madras and Mandi, on January 10, 2022.

- Prof Rangan Banerjee was appointed as next director of IIT Delhi.
- Prof V Kamakoti has been elevated as director of IIT Madras.
- Prof Laxmidhar Behera has been appointed as director of IIT Mandi.
- Prof Suhas Joshi has been appointed as director of IIT Indore.



International Events

Nordic “clinker boats” in UNESCO Heritage List

January 27, 2022

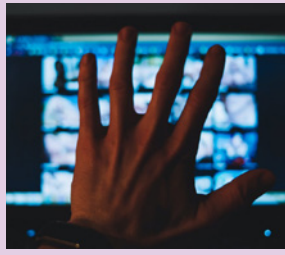
United Nations' culture agency, UNESCO, added the Nordic “clinker boats” to its Heritage List, in December 2021. The wooden sailboats have allowed peoples of northern Europe to spread influence, trade and sometime war across continents and seas, for thousands of years. Denmark, Iceland, Finland, Sweden and Norway jointly sought the UNESCO designation. The term “clinker” is believed to refer to the way its wooden boards were fastened together.



Australia Online Safety Bill

January 24, 2022

Australia's Online Safety Act has come into effect from January 23, 2022. The act was passed in July 2021. The act allows adults to report cases of online bullying in Australia, to the eSafety Commissioner, Julie Inman Grant. With this act, the eSafety commissioner is empowered to order social media websites to take down content related to bullying against Australian adults. This act seeks to promote the online safety of Australians.



Pierre-Olivier Gourinchas: New IMF Chief Economist

January 11, 2022

The International Monetary Fund (IMF) have appointed Pierre-Olivier Gourinchas as the new Chief Economist. He succeeds Gita Gopinath as its chief economist. Gourinchas is presently the director of Clausen Center for International Business & Policy, at the University of California. He will start his new position on January 24, 2022 part time and will be transitioning to full time on April 1, 2022.



the most high profile Covid vaccine sceptics in the world.

‘The Enigma’: 555.55-carat black diamond

January 18, 2022

A 555.55-carat black diamond called “The Enigma” was revealed by auction house Sotheby's in Dubai on January 17, 2022. It is believed to have come from outer space. After a tour in Dubai, diamond will also be taken to Los Angeles before it will go under auction in London in February 2022. Number five has important significance to the diamond because, it has 55 facets.



Russia: White Swan Strategic Missile Bomber

January 13, 2022

The Russian defence forces recently revealed a new Tupolev Tu-160M. It is a missile bomber. It is also known as “White Swan”. The White Swan can fly at an altitude of 600 metres. The bomber has been designed to carry nuclear war heads. It is one of the most heaviest supersonic military aircraft. It can carry 34 tonnes of load. The bomber can deliver 24 cruise missiles. It can trace 14,000 km without refuelling. The machine can be in the sky for more than a day during combat duties.



What is Five-alarm global fire?

January 23, 2022

The United Nations recently announced that the world is to face five major risks in 2022. These risks are referred to five – alarm global fire.



The five alarms are Covid-19, lawlessness in cyberspace, climate crisis, bankrupt global financial system and diminished peace and security. The UN has suggested that in order to prevent or reduce these risks, the countries should go into emergency mode.

“Avalanche action” is the need of the moment to tackle climate crisis. The global emissions should be reduced by 45% by the end of the decade

Nusantara-Indonesia New Capital

January 19, 2022

The Indonesians are moving to a new capital. It is East Kalimantan. It is now called ‘Nusantara’. Earlier, Jakarta was the capital of Indonesia since 1949. There are reasons for moving out of Jakarta. Jakarta is facing environmental and financial issues. It has been consistently ranked as one of the most polluted cities in the world. Jakarta is in Java island and Nusantara is in Borneo island. The size of Borneo island is larger than Java island. Also, Jakarta is sinking. By 2050, most of the Jakarta is expected to go under water. This is mainly because Jakarta is surrounded by several rivers.



Sri Lanka Inter-city Train Service with Indian Aid

January 11, 2022

Sri Lanka had created an inter-city railway service with the help of India. India provided diesel units to the project. Railway services were launched between Mount Lavinia (Colombo) and Kankesanthurai (Jaffna). The train service facilitates people-to-people exchange and also lays emphasis on beneficial cooperation between



Person in News

Param Vishisht Seva Medal

January 28, 2022

The Olympic Gold medal winner Neeraj Chopra was honoured with the Prama Vishisht Seva Medal. Neeraj Chopra brought fame to India by winning the country's first athletic gold medal. In Tokyo Olympics, Chopra won the medal by throwing javelin to 87.58 metres. Along with Neeraj Chopra, 18 others are being honoured with the award.



India's first UNDP Youth Climate Champion

January 21, 2022

Content creator and actress Prajakta Koli became 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.



As a part of her responsibilities, Prajakta will now be entrusted with interacting with young minds for raising awareness on issues like global warming, climate crisis, biodiversity loss and their impacts.

S Somnath- New Chairman of ISRO

January 13, 2022

Dr S Somnath is to become the new Chairman of ISRO. He is to succeed K Sivan. He is the fourth Keralite to occupy the topmost place in ISRO. The previous Keralites were K Radhakrishnan, Madhavan Nair and K Kasturirangan.



- He was associated with PSLV project in its early phases. Under his leadership, the experimental test flight of LVM3-X/CARE was completed.
- In 2010, he became the Associate Director of ISRO.
- He was the project director of GSLV Mk-III.
- Currently he is the Director of Vikram Sarabhai Space Centre (VSSC).

Save Environment

Snowfall in the Sahara Desert

January 29, 2022

World's largest desert, The Sahara Desert, witnessed snowfall recently. Snowfall in Sahara Desert was a rare event. Snow settled on the sand and ice covered the sand dunes, after temperatures dropped below freezing point. Temperatures as high as 58 degrees Celsius, have been recorded there.



In the month of January, temperatures are much milder in Ain-Sefra region. Temperatures can be around 14 degrees Celsius. Climate crisis and Arctic warming could be responsible for this rare event.

Australia's new Plan to protect Great Barrier Reef

January 29, 2022

On January 28, 2022, Australia launched a new plan to protect the climate-ravaged Great Barrier Reef. Government launched a USD 700 million



package for protecting the Great Barrier Reef, in a hope of preventing vast network of corals from being removed from World Heritage list of UNESCO's. The Plan will help to avoid the reef from being placed on UNESCO's “in danger” list.

A.P: Mass mortality of spot-billed pelicans

January 29, 2022

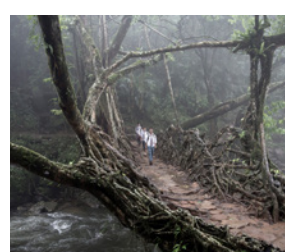
Andhra Pradesh State Forest Department has approached experts from Wildlife Institute of India (WII-Deharadun), Bombay Natural History Society (BNHS) and Zoological Survey of India (ZSI-Kolkata), for preventing mass mortality of spot-billed pelicans in Naupada swamp at Telineelapuram, Srikakulam district.



Meghalaya Living Root Bridges

January 24, 2022

A living root bridge is suspension bridge across small streams. They are built using living plant roots. These root bridges are common in Meghalaya. They are handmade. They are built



using rubber of fig trees. They are built by the local Jaintia and Khasi people. Recently, India has sought UNESCO World Heritage Tag for these bridges. They are strong to stand for 500 years. The bridges are healthy as long as the trees from which the bridges are made are healthy.

Climate Hazards and Vulnerability Atlas of India

January 19, 2022

The scientists of CRS have created a climate

hazards and vulnerability atlas of India. CRS is Climate Research and Services and it operates under India Meteorological Department (IMD).

It provides information about heat waves, cold waves, extreme rainfall, thunderstorm, lightning, and snowfall, cyclones, winds, and fog and hail storm. It provides vulnerability values and hazards values. It provides month – wise hazard levels of each district. It has 640 maps. They all have categories ranging from moderate, low, high and very high.

Delhi's first DTC Electric Bus

January 17, 2022

On January 17, 2022, the Delhi Chief Minister Arvind Kejriwal flagged off the first electric bus of the Delhi Transport Corporation. The E-buses are to run on 27 – km long route. These buses are manufactured by the JBM Auto Limited. These electric buses are low floor buses. They are fully air conditioned. The first fleet of 300 buses is ready. First a few electric buses are to run from Pragati Maidan to IP Depot. It is a 27 km long route. It will cover places like ITO, Safdarjung and Ashram on its way.



Peru Environmental Emergency

January 25, 2022

Peru is a South American country. The Government of Peru recently declared an environmental emergency due to oil spill. Around six thousand barrels of oil were spilled into the Pacific Ocean. The oil spill occurred due to the explosion of undersea volcano Tonga. According to NASA, the Tonga volcano eruption was more powerful than an atom bomb. The tsunami waves from the explosion caused the oil spill.

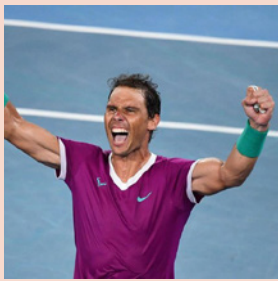
The oil spill killed huge number of marine wildlife. It has left a huge impact on the local fishermen. Also, it is to affect the tourism sector largely.

Sports

Rafael Nadal Record of 21 Grand Slam titles

January 31, 2022

Rafael Nadal won his 21st Grand Slam title. He beat Daniil Medvedev at the Australian Open Final to grab his Grand Slam. With this Nadal has become the first player to win 21 grand slam titles. Roger Federer of Switzerland and Novak Djokovic of Serbia have won 20 Grand slams.



Artificial Snow in Beijing Winter Olympics

January 29, 2022

China is the first country to host both summer and winter Olympic games. China is creating artificial snow flakes for the winter Olympics to be held in 2022.



China is to create artificial snow flakes at snowboarding, ski jumping venues of Olympic games. The cross country, biathlon, Nordic, freestyle and snowboarding games are to be held in Zhangjiakou. It is 100 miles away from the host city and is a ski destination. Here the temperature drops below zero degrees Celsius. However, snowfall is less. Thus, artificial snow flakes are to be created. The artificial snow is important for gliding games.

Smriti Mandhana: ICC Women's Cricketer of the Year 2021

January 27, 2022

Smriti Manadhana of India has won the ICC Women Cricketer of the year 2021. She is the second woman player to win the award in the world. Ellyse Perry of Australia was the first woman player to win the award. The ICC Women Cricketer of the year is presented as a part of the ICC Awards ceremony. Smriti plays for the Indian cricket team. In 2018, she won the Rachael Heyhoe award for the best female cricketer.



Badminton: India Open Title Winners

January 17, 2022

India's Lakshya Sen secured his maiden Super 500 title by winning "Yonex-Sunrise India Open",

on January 16, 2022. He secured the title with a stunning straight-game victory over reigning world champion from Singapore, Loh Kean Yew in the men's singles final. 20-year-old Lakshya had earlier claimed his maiden world championships medal with a bronze in Spain in December 2021. He produced a fine performance of 24-22 21-17 in the summit clash. The clash lasted for 54 minutes.



India's 73rd Chess Grandmaster

January 10, 2022

On January 9, 2022, Fourteen-year-old Bharath Subramaniyam became India's 73rd Chess Grandmaster. He secured the third and final Grandmaster norm at an event at Cattolica in Italy. He scored 6.5 points from nine rounds along with four others and finish seventh in the event. He secured his third GM norm here as well as touched the requisite 2,500 (Elo) mark.



Khelo India Games 2023

January 6, 2022

The Khelo India Games were introduced to revive the sports culture in India. The 2021 Khelo India Games were postponed due to Covid crisis. It is now to be conducted in Haryana in February 2022. The Union Minister of Youth Affairs and Sports Anurag Singh Thakur is to attend the games. The Khelo India Youth Games 2022-23 is to be held in Madhya Pradesh. The Madhya Pradesh Cabinet recently approved to host the games from Bhopal. The cabinet also approved to land allocation of 50 – acre land to establish an international sports complex.

Syed Modi International Tournament -Highlights

January 25, 2022

P V Sindhu won the 2022 Syed Modi International Badminton title. The men's final match was cancelled as the players tested Covid positive.

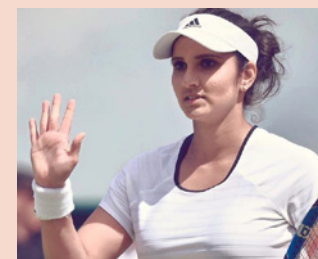
In the men's doubles category Man Wei Chong & Kai Wun Tee won the title. In women's single, P. V. Sindhu won the title. In women's doubles, Anna Ching Yik Cheong & Teoh Mei Xing won the title. In the Mixed doubles category, Ishan Bhatnagar & Tanisha Crasto won the title.



Sania Mirza reveals retirement plans, 2022 season to be last

January 20, 2022

Sania Mirza, India's first women's tennis superstar, on January 19, 2022, announced her retirement plans and confirmed that the 2022 season will be her last. The Indian tennis player who won six Grand Slams and reached the summit of the WTA doubles ranking is also the first Indian to break into the top 30 in the WTA singles ranking. She will retire as India's most accomplished woman tennis player.



The Best FIFA Football Awards 2021

January 19, 2022

The Best FIFA Football Awards are presented by the FIFA (Federation Internationale de Football Association). It was first awarded in 2017. It revived the FIFA World Player of the year, which was presented by FIFA till 2015.

Best FIFA Football Awards 2021

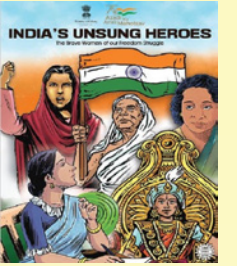
- Best Player in the world (men): Robert Lewandowski
- Best Player in the world (women): Alexia Putellas
- Special best Men award: Cristiano Ronaldo
- Best Goal keeper (men): Edouard Mendy
- FIFA Puskas Award: Erik Lamela
- Best Coach (men): Thomas Tuchel

Art & Culture

India's Women Unsung Heroes' Book

January 28, 2022

As a part of Azadi ka Amrit Mahotsav, Ministry of Culture is set to release three pictorial books on 75 unsung heroes of the freedom struggle. The pictorial books will be released in partnership with "Amar Chitra Katha". Book celebrates the lives of the women who led the charge and lit the flame of protest and rebellion across the country. It comprises of stories of queens who battled against British powers. These women dedicated and laid down their lives for the cause of the motherland.



Omo I – Oldest Human Fossils

January 21, 2022

As per a recent study, one of the oldest known Homo sapiens fossils, Omo Kibish I, may be around 35,000 years older than it was previously thought. The study used volcanic ash to date the fossils and thus there were 22,000-year margin of error. Omo Kibish I was first unearthed in Ethiopia in 1967.



Kala Kumbh Art

January 16, 2022

The Ministry of Defence and Ministry of Culture have joined together to organize Kala Kumbh Art during the 2022 republic day celebrations. The Kala Kumbh paintings are drawn on gigantic scrolls. These scrolls were displayed on Raj Path during republic day celebrations. Each scroll is 750 metres in length approximately. They displayed the courageous stories of unsung independence struggle heroes of India.



Ibonia and Ramayana

January 12, 2022

According to Indian poet and diplomat Abhay K., the Malagasy epic of Ibonia is similar to Indian epic of Ramayana in its grand plot. According to the poet, Ramayana is popular in South East Asian countries, specifically in Indonesia. In Indonesia, it is still played and performed.

Similarities between Ibonia and Ramayana are:

- Abduction of Ibonia's betrothed wife Rampela by Ravato, is similar to abduction of Rama's wife Sita by Ravana.
- Ibonia's fight with Ravato to get his wife Rampela back is similar to Rama's fight with Ravana to get back Sita.
- 300 words in Malagasy language from Sanskrit.

Hyderabad Open Rock Museum

January 7, 2022

On January 6, 2022, the Union Minister of State for Science & Technology and Earth Sciences, Jitendra Singh, inaugurated first "Open Rock Museum" in Hyderabad. The museum displays about 35 different varieties of rocks from different parts of India. Age of these rocks are ranging from 3.3 billion years to around 55 million years. These rocks also represent deepest part of the Earth that is up to 175 km of distance from Earth's surface.



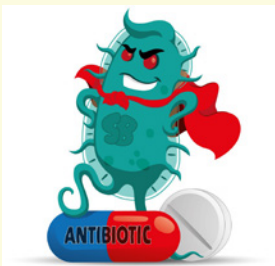
Health and Fitness

Recent Study on Antimicrobial resistance

January 21, 2022

A recent Lancet study says that Antimicrobial resistance is now the leading cause of death. It has surpassed HIV and malaria. The study says that in 2019 antimicrobial resistance killed more than 1.27 million people all over the world. This is higher than those died of malaria and HIV.

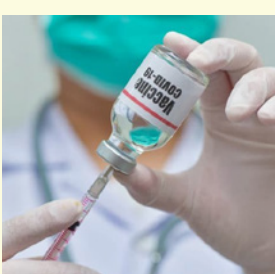
Anti-microbial resistance is a condition where in the disease causing microbes such as bacteria, virus becomes resistant to drugs. The drugs and antibiotics taken are no longer killing them. The microbial resistances are life threatening.



Precautionary vaccine jabs in India

January 11, 2022

The Government of India is to provide third dose of vaccine. This third dose has been named "precaution dose" or booster dose. The health



care workers, comorbid patients (people with severe medical conditions) and frontline workers are eligible to get the precaution dose. The gap between the second dose and precaution dose is nine months. The precaution dose is the same as the previous doses. The eligible citizens will receive SMS from CoWIN.

New Covid Strain 'Deltacron'

January 10, 2022

According to Leonodios Kostrikis, a professor of biological sciences at University of Cyprus, a strain of Covid-19 combining delta and omicron was found in Cyprus. The discovery has been named "deltacron" because of identification of omicron-like genetic signatures within delta genomes. The team has identified 25 such cases. Its statistical analysis highlights that, relative frequency of combined infection is higher among patients hospitalized due to Covid-19 as compared to non-hospitalized patients.

UK: First human case of Avian flu

January 8, 2022

United Kingdom has reported the first human case of Avian flu. A 79-year-old man named Alan Gosling is the first UK resident to catch the

H5N1 strain of bird flu. He kept pet ducks at his home in England. Avian influenza is also known as avian flu or bird flu. It is a type of influenza caused by viruses adapted to birds.



Om: CSIR-CDRI RT-PCR kit for Omicron Variant

January 27, 2022

The scientists from 'CSIR – Central Drug Research Institute' have developed an indigenous RT-PCR kit called 'Om'. This kit will be used to test the omicron variant. Om kit is the first kit developed by any government institution for the omicron variant. It will make India self-reliant in RT-PCR diagnostics.

The kit will help in detecting omicron variant quickly and cost-effective manner, over genome sequencing for a large population. The kit was made within two months. It will cost around Rs 150. Further, it will provide the test results in two hours. The kit can also be aligned to detect other emerging variants of Covid infection and respiratory infections.

