

IACE

DAILY CURRENT AFFAIRS

13th APRIL 2024 DESCRIPTIVE

Watch Us On

You Tube 

HEADLINES

- ❖ **First sport to pay medal winner prize money in Olympics: Track & Field**
- ❖ **High-level Ukraine peace summit to be led by Switzerland in June 2024**
- ❖ **Indian Meteorological Department (IMD) conducts Pre-Cyclone Exercise for the season April-June 2024**
- ❖ **Fifth edition of the 'Dustlik' Joint Military Exercise will start in Termez District, Uzbekistan.**
- ❖ **The world's largest renewable energy park built by the Adani Group in Gujarat**
- ❖ **India ranks number 10 in cybercrime, Russia tops in the list**
- ❖ **Moody's revised Real GDP Growth Projection of India to 8%**
- ❖ **Sarvodaya leader Murari Lal passed away**

Telegram: [Click here](#)

Toll Free: 1800-270-9975, Ph: 9533200400

- ❖ **USA Launches underwater drone ‘Manta Ray’**
- ❖ **Scientists create world’s largest digital camera with 3200MP sensor**
- ❖ **Citron becomes the first multinational car company to export EV from India**
- ❖ **Dr. Aggarwal Eye Hospital honored with ‘Best Scientific Poster Award’ 2024 by USA**
- ❖ **Jain Acharya Lokesh Muni honoured with US President’s ‘Golden Volunteer Award 2024’**

First sport to pay medal winner prize money in Olympics: Track & Field

- World Athletics has announced that it will award prize money to the athletes who win a gold medal at the Paris Olympics 2024.
- Track and field has become the first sport in the modern olympics to offer prize money at the Olympics.
- The modern Olympics is an amateur sports event. Initially, only amateur athletes were allowed to participate in the olympics. Later on, professional sportsmen, especially those from tennis, basketball and golf, were allowed to compete in the Olympics.
- But no winner is given any cash prize by the International Olympic Committee, which organises these olympics. However, many countries, national sports bodies, etc, offer cash prizes as an incentive for their athletes to win medals in the Olympics.
- The world athletic governing body, World Athletics, said it has created a **\$2.4 million** fund for this purpose. Every gold-winning track and field athlete in the 48 men's, women's, and mixed events of the Paris Olympics will receive **\$50,000 prize money** each. The relay team will split the prize money.



Telegram: [Click here](#)

Toll Free: 1800-270-9975, Ph: 9533200400

- The World Athletics plans to start prize money for the silver and bronze medal winners from the **2028 Olympics in Los Angeles**.
- World Athletics will provide the prize money from the share of the revenue that the International Olympic Committee shares with World Athletics.
- The International Olympic Committee distributes around 90% of its revenue to National Olympic Committees and International sports federations.

About World Athletics:

- World Athletics is the world governing body of track and field athletics. It was initially set up as the International Amateur Athletic Federation on 17 July 1912 in Stockholm, Sweden, following the closing ceremony of the Olympic Games in the Swedish capital.
- In 2001, its name was changed to 'International Association of Athletics Federations', and finally, in 2019, to World Athletics.

Headquarters: Monaco

President: Sebastian Coe

High-level Ukraine peace summit to be led by Switzerland in June 2024

- Switzerland announced on 11 April 2024 that it has proposed to host a conference at the level of the heads of state of Russia and Ukraine.
- The aim of this conference is to provide a high level platform for dialogue. This will lead to a comprehensive, just and lasting peace for Ukraine on the basis of international law and the UN Charter.
- ‘During President Zelensky’s visit to Bern on January 15, 2024, Switzerland and Ukraine discussed next steps towards peace. Switzerland agreed to host a high-level conference at Ukraine’s request.
- In June 2024, Switzerland will likely have the opportunity to discuss negotiations on peace in Ukraine.
- The objective of the summit is to create common understanding and a concrete roadmap for the peace process.



Telegram: [Click here](#)

Toll Free: 1800-270-9975, **Ph:** 9533200400

- By organizing this conference, Switzerland is also making an important contribution to greater security and stability in Europe and the world.
- The proposed date of this conference is 15-16 June 2024 at the Bürgenstock Hotel above Lake Lucerne in central Switzerland.
- About 120 countries will be invited to this conference to be held at the level of heads of state.
- India has also been invited to this peace conference to be held in Switzerland. Swiss Foreign Minister Ignazio Cassis met External Affairs Minister Jaishankar during his visit to India on 5 February 2024.

About Switzerland:

Capital: Bern

Currency: Swiss Franc

President: Viola Amherd

Indian Meteorological Department (IMD) conducts Pre-Cyclone Exercise for the season April-June 2024

- The Indian Meteorological Department (IMD) conducted the Pre-Cyclone Exercise for the season April-June 2024 under the chairmanship of Mrutyunjay Mohapatra, Director General, IMD in hybrid mode at Mausam Bhavan in New Delhi.
- The exercise was part of a biennial exercise conducted to take stock of the preparedness of various stakeholders in disaster management during the pre- and post-cyclone seasons.
- India has one of the best early warning systems and weather forecasting models.
- DG Mrutyunjay Mohapatra also highlighted the achievements of IMD in recent times in cyclone forecasting, along with continued co-operation from the National Disaster Management Authority, National Disaster Response Force, and Indian armed forces such as Army, Navy Air Force, Coast Guard, etc.



Telegram: [Click here](#)

Toll Free: 1800-270-9975, **Ph:** 9533200400

- He informed that the IMD has developed an indigenous ‘Decision Support System’ with an increased accuracy of more than 50 per cent as compared to predictions in the last decade.
- Mohapatra also shared that a multimodal ensemble system is being deployed to continuously monitor weather changes and accordingly issue location specific advisories.
- He also highlighted various mobile apps developed by IMD to issue warnings. He categorically mentioned that Application Programming Interface (API) are made available for other organisations to utilise. “We saw zero casualties during cyclone Biparjoy due to preparedness.

Fifth edition of the 'Dustlik' Joint Military Exercise will start in Termez District, Uzbekistan

- The **fifth edition** of **'Dustlik' Joint Military Exercise** between **India and Uzbekistan** is set to begin in **Termez District, Uzbekistan**, from **15 to 28 April 2024**.
- Contingents from the Indian Armed Forces and Armed Forces of the Republic of Uzbekistan will participate in this exercise for collaboration & future military interactions.
- 45 soldiers from each side will participate in the exercise. It will promote positive relations between the armies of both nations.
- Indian Armed Forces and the Armed Forces of Uzbekistan will conduct comprehensive joint training sessions.
- The fourth edition of the 'Dustlik' joint military exercise was held on February 20 in 2023 at the Foreign Training Node, Pithoragarh in Uttarakhand.
- The **first edition** of the Dustlik Joint Military Exercise was held in **Uzbekistan** in **November 2019**.

About Uzbekistan:

Capital: Tashkent

PM: Abdulla Nigmatovich Aripov

President: Shavkat Mirziyoyev

Currency: Uzbekistani Som



Telegram: [Click here](#)

Toll Free: 1800-270-9975, **Ph:** 9533200400

The world's largest renewable energy park built by the Adani Group in Gujarat

- The world's largest renewable energy park has been built in the **Khavda region in Kutch district of Gujarat** by multi-billionaire **Gautam Adani's group** in a remote area bordering Pakistan.
- Just 18 kilometers from the airstrip is the Khavda Renewable Energy Park, which is spread over **538 square kilometers**, almost five times the size of the French capital Paris.
- It has a huge capacity of **45 GW** to generate electricity mainly from solar energy.
- The construction of the project was **started in 2022**, marking the beginning of a comprehensive infrastructure development initiative.
- Approximately **Rs 1.5 lakh crore** will be invested by India's largest renewable energy company, **Adani Green Energy Limited**, to generate **30 MW** of clean power in Khavda, Kutch, Gujarat.



Telegram: [Click here](#)

Toll Free: 1800-270-9975, Ph: 9533200400

- The 30 GW planned in Khavda will include **26 GW of solar** and **4 GW of wind capacity**.
- At its peak, Khavda will produce 81 billion units which can power entire countries like Belgium, Chile, and Switzerland
- However, boasting the second-best solar radiation in the country after Ladakh and wind speeds five times that of the plains, it presented an ideal location for a renewable energy park.
- AGEL's current operating portfolio comprises 7,393 MW of solar, 1,401 MW of wind, and 2,140 MW of wind-solar hybrid capacity.
- The **50 percent of the work** will be completed by **December 2024** this year. With which production of 14 thousand MW electricity will start.
- Whereas the Hybrid Renewable Energy Park will be completely ready in **December 2026**, after which the production of 30 gigawatt electricity will start.

About Gujarat:

Capital: Gandhinagar

Chief Minister: Bhupendrabhai Patel

Governor: Acharya Devvrat

India ranks number 10 in cybercrime, Russia tops in the list

- The **'World Cybercrime Index,'** shows light on **the global cybercrime scenario**, ranking **India** in the **10th position** worldwide.
- The World Cybercrime Index has been developed as a joint partnership between **the University of Oxford** and **University of New South Wales, Sydney**.
- It has been funded by CRIMGOV, a European Union-supported project.
- The index was developed to identify major cybercrime hotspots globally by ranking countries based on the significant sources of cybercrime at a national level.
- The **five major categories** of cybercrime assessed by the study were:
- Technical products/services, Attacks and extortion , Data/identity theft, Scams, Cashing out/money laundering .



- **Russia** topped the list, and was followed by **Ukraine, China, the US, Nigeria** and **Romania**.
- **North Korea** was at the **seventh position**, while the UK and Brazil were at the eighth and ninth positions, respectively.
- “Russia and Ukraine are highly technical cybercrime hubs, whereas Nigerian cybercriminals are engaged in less technical forms of cybercrime”.
- India was found to “specialise” in scams. Further, while Romania and the US were found to “specialise” in both high-tech and low-tech crimes, India was found to be a “balanced hub”, “specialising” in mid-tech crimes.

Moody's revised Real GDP Growth Projection of India to 8%

- Rating agency Moody's predicted stable outlook for India. India's fiscal metrics will continue to gradually improve.
- The long-term and short-term ratings of the government of India has been pegged at **Baa3 and P-3**, respectively.
- **BAA3**, being in the lower-medium credit quality category, indicates that the issuer has a moderate risk of defaulting on its financial obligations.
- **P-3 Ratings** of Prime-3 reflect an acceptable ability to repay short-term obligations.
- Moody's has revised India's real **GDP growth projection to 8 per cent** for the **2024-25**. The first three quarters of financial year 2023-24 shows strong growth numbers.
- Moody's projected that economic growth will remain above **6 per cent** over the **next two fiscal years**.
- As per the Moody's, in 2024-25, India's economic growth will remain above G20 peers emerging countries.
- India's GDP grew at a massive **8.4%** during the **October-December** quarter of the current financial year 2023-24.
- India's economy grew 7.2% in 2022-23 and 8.7% in 2021-22, respectively.



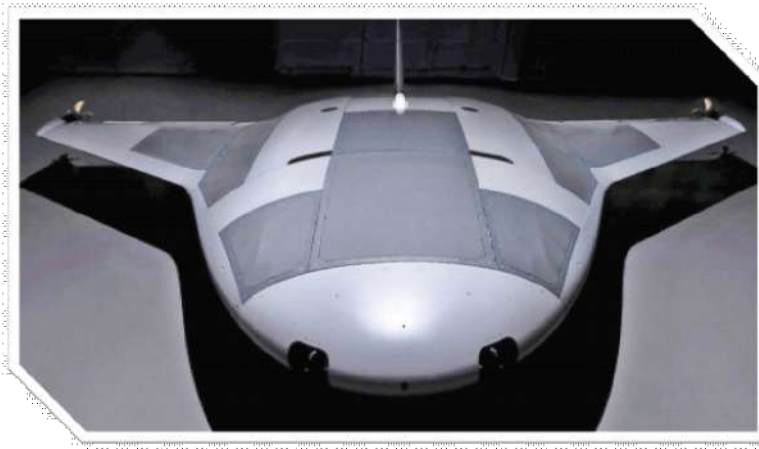
Sarvodaya leader Murari Lal passed away

- **Social worker** and a **leader of the Sarvodaya and Chipko movements, Murari Lal**, died at the age of 91.
- He devoted his entire life to social work. He was **the president** of the **Dasholi Gram Swarajya Mandal**, the mother organisation of the Chipko movement.
- Lal is known for making the barren land in his village green and creating innovative models for the conservation and utilisation of natural resources.
- His work has been recognised and honoured by the Uttarakhand government as well as by renowned organisations of the country.



USA Launches underwater drone 'Manta Ray'

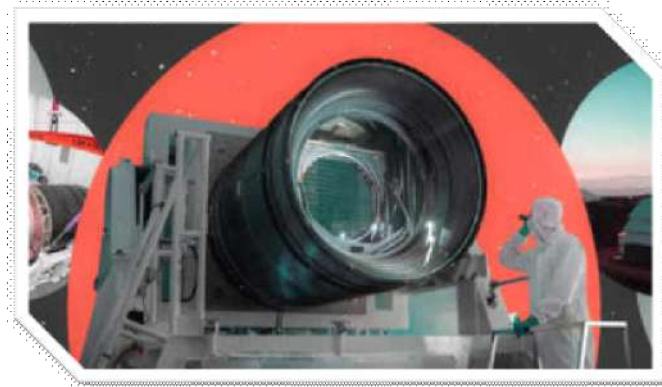
- **Northrop Grumman** has announced to launch a full-sized **undersea drone Manta Ray uncrewed underwater vehicle (UUV) prototype**.
- It is built as part of a **Defense Advanced Research Projects Agency (DARPA)** program, the undersea drone is an extra-large platform that can operate for a long duration and range.
- It utilizes advanced technologies to enable low power consumption and increased payload capacity.
- The platform features a sophisticated glider-like body and a rounded nose. The tail was not clear enough to see as the drone's edges were darkened.
- The Manta Ray is expected to undergo design evaluations and trials, which will culminate with an open-ocean underwater demonstration.



- In December 2021, DARPA awarded Northrop and PacMar Technologies separate contracts to develop preliminary versions of the Manta Ray UUV.
- The solution must support extended-range missions without human logistics and maintenance support.
- Northrop claimed its prototype uses a novel, modular design for easy shipment during expeditionary deployment.
- It can also reportedly accommodate various payloads to support different operations.
- Additionally, Northrop's Manta Ray has been designed with the ability to anchor to the seafloor and hibernate in a low-power state.

Scientists create world's largest digital camera with 3200MP sensor

- After working on for **over two decades**, scientists and engineers at the Department of Energy's **SLAC National Accelerator Laboratory** in the **US** have completed the **Legacy Survey of Space and Time (LSST) Camera**.
- This is the world's **largest digital camera** and was once mounted on **Vera C. Observatory's Simonyi Survey Telescope**. This **3200MP camera** will help researchers observe the Universe in extreme detail.
- This largest digital camera ever constructed for astronomy is roughly the size of a small car and weighs around 3000 kilograms.
- It has a front lens that is **over 1.5 metres** across - the largest lens ever made for this purpose.
- There is another lens that is 90 centimetres (3 feet) wide and it is specially designed to seal the vacuum chamber that houses the camera's enormous huge focal plane.
- That focal plane is made up of 201 individual custom-designed CCD sensors, "and it is so flat that its surface varies by no more than a tenth of the width of a human hair. The pixels themselves are only 0.01 mm (10 microns) wide.
- The LSST Camera will generate an enormous trove of data on the southern night sky that researchers will gather for new insights into dark energy, dark matter, the changing night sky, the Milky Way galaxy and our Solar System.



Telegram: [Click here](#)

Toll Free: 1800-270-9975, Ph: 9533200400

Citron becomes the first multinational car company to export EV from India

- **French carmaker Citroën** became the first multinational car manufacturer in India to export domestically made **electric vehicles** to the international market.
- The company announced the commencement of exports of locally manufactured **ë-C3**.
- Initial shipment of **500 units** of the Made-in-India **Citroën ë-C3** to Indonesia was ceremonially flagged from Kamarajar Port.
- The move aligned with Citroën's global ambitions of democratising electric mobility to increase the adoption of sustainable and clean modes of transportation.
- "The Collaborating is to deliver cleaner mobility solutions at affordable prices is an important aspect of the Indo-French contribution to the advent of an open, inclusive and sustainably developed Indo-Pacific region.
- The ë-C3, crafted with modern design and innovation, offers a 320 km range certified by ARAI MIDC, along with 100 per cent DC Fast Charge and 15 AMP Home Charging options for convenience. It is available in 13 exterior colour combinations and 47 customisation options.



Telegram: [Click here](#)

Toll Free: 1800-270-9975, Ph: 9533200400

Dr. Aggarwal Eye Hospital honored with 'Best Scientific Poster Award' 2024 by USA

- **Dr. Agarwal's Eye Hospital's** research team has been honoured with the prestigious '**Best Scientific Poster Award**' at the 2024 Annual Meeting of the **American Society for Cataract and Refractive Surgery (ASCRS)**.
- The award-winning study focused on 'The efficacy of RevitalVision vision-training software in improving best-corrected vision in stable keratoconus patients post Crosslinking surgery.'
- The research was led by ophthalmologists Prof. Lionel Raj and Prof. David Heber from Dr. Agarwal's Eye Hospital in Tirunelveli.
- The prospective controlled, randomized study demonstrated remarkable clinical outcomes, offering new hope for patients suffering from keratoconus.
- The study found that stable keratoconus patients undergoing RevitalVision vision-training software post Crosslinking surgery experienced a significant improvement in their vision, with an average improvement of 2.5 lines on the visual acuity test chart.



Jain Acharya Lokesh Muni honoured with US President's 'Golden Volunteer Award 2024'

- Jain Acharya **Lokesh Muni** has become the **first Indian monk** to be honoured with the **American President's Gold Volunteer Service award** in recognition of his contribution to the public good and humanity In Capitol Hills, **Washington, D.C., US.**
- Acharya Lokesh Muni is the founder of a non-governmental organisation, **Ahimsa Vishwa Bharat** in Haryana and the **World Peace Center in India.**
- Acharya Lokesh Muni is a follower of the Jain religion founded by Lord Mahavira.
- He is a thinker, writer, poet, and social reformer who has been continuously making efforts to build national character, develop human values, and establish non-violence, peace, and mutual cooperation in society.



Telegram: [Click here](#)

Toll Free: 1800-270-9975, Ph: 9533200400

- Jain Acharya Lokesh received the Presidential award, a Certificate of Honour, a Golden Shield, and a citation bearing the signature of American President Joe Biden.
- **The American President's Volunteer Service Award** was established in **2003** during **George Bush's Presidency**. The award is given to individuals who have provided at least 500 hours of voluntary service in the United States and whose voluntary work has positively impacted communities and inspired those around them.

About USA:

Capital: Washington, D.C.

President: Joe Biden

Currency: Dollar