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1st MAY 2024

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International Labour Day: May 1st



- **International Labour Day**, also known as ‘**May Day**’, is celebrated every year on **May 1st**.
- The day is celebrated to recognise and honour the significant contributions of workers and mark the historic labour movement that aimed to promote workers’ rights and opportunities.
- On **May 1st, 1886 labour unions in the United States** initiated a strike advocating for an eight-hour workday, a pivotal moment in labour history. The strike culminated in the tragic events of **May 4th, 1886 at Chicago’s Haymarket Square**.
- Following a meeting in Paris in 1889, the decision to commemorate May Day annually was made, inspired by the Chicago protests.
- In India, **the first Labour Day was celebrated on May 1, 1923, in Madras**. It was initiated by **the Labour Kisan Party of Hindustan**.
- This day is celebrated under different names across various Indian states, such as Kamgar Din (Hindi), Karmikara Dinacharane (Kannada), Karmika Dinotsavam (Telugu), Kamgar Divas (Marathi), Uzhaipalar.

Gujarat and Maharashtra celebrated 64th foundation day: May 1st



- **64th foundation day of Gujarat and Maharashtra** celebrated every year **on May 1st**.
- **The Indian Constitution** came into effect, the country was divided into states based on linguistic boundaries.
- Bombay was recognised as a state which consisted of people speaking Marathi, Gujarati, Konkani, and Kutchi.
- This was recognised under the **State Recognition Act, 1956**.
- Movements started which demanded that the state be divided **into two**: one consisting of people speaking **Gujarati and Kutchi**, and the other consisting of people speaking **Marathi and Konkani**.
- The Samyukta **Maharashtra Movement** and the **Mahagujarat movement** started the movements.
- As the protests started gaining momentum across the state, **Bombay Reorganisation Act** was charted out by the Government of India.
- **On May 1, 1960, Maharashtra and Gujarat** came to be recognised as **two different states**.

Warming of Indian Ocean to accelerate: IITM study

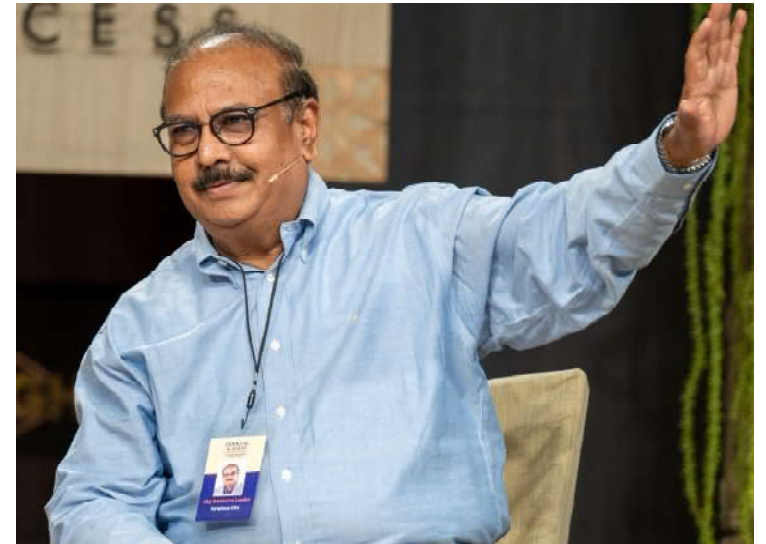


- The Indian Ocean had become **warmer by 1.2°C between 1950-2020**. It would **heat 1.7°C–3.8°C between 2020–2100**.
- Marine waves are expected to **increase ten times from the current average of 20 days per year to 220–250 days per year**.
- Due to global warming, the tropical Indian Ocean will likely be in a “near-permanent heatwave state.”
- It will increase **coral bleaching, seagrass destruction, and loss of kelp forests**.
- The heating of the ocean is not merely restricted to the surface, it refers to an increase in the overall “heat content” of the ocean.

- Indian Ocean heat content is currently **increasing at a rate of 4.5 zetta-joules per decade**. It is likely to **increase at a rate of 16-22 zetta-joules per decade in the future**.
- Rising heat will also increase the sea level. The heating of ocean water will increase the thermal expansion of the water.
- The frequency of extreme dipole events is also likely to increase by 66%.
- While the maximum basin-average temperatures in the Indian Ocean ranged from **26 degrees Celsius to 28 degrees Celsius throughout the year during 1980-2020**.
- The minimum temperatures by the end of the 21st century will be between 28.5 degrees Celsius and 30.7 degrees Celsius year-round, under a high emission scenario.

Dr Krishna Ella has been appointed as President of IVMA

- **Dr Krishna Ella** has been appointed as **President of Indian Vaccine Manufacturers Association (IVMA)** for two years from **April 2024-2026**.
- **Dr Krishna Ella** takes the Presidency from **Adar C Poonawala**.
- **Adar C Poonawala** held the Presidency from **2019 to March 2024**.
- **Dr Krishna Ella** is **Co-Founder, Executive Chairman of Bharat Biotech**. Dr Krishna Ella is acknowledged as the **father of Genome Valley**.
- **Mahima Datla** takes over as the role of **Vice President**. Mahima Datla is Managing Director of Biological E.
- **T. Srinivas** will be Treasurer. T. Srinivas is CFO of Bharat Biotech.
- **Dr. Harshavardhan** will remain as Director General of IVMA.
- IVMA was established in **2010** by four founding members from the private sector. IVMA is the voice of India's vaccine business and industry.



Gina Justus has won the 2024 Cambridge dedicated teacher awards

- Sharjah Girls Branch teacher **Gina Justus** has been named regional winner for **the Middle East and North Africa (MENA)** at the **2024 Cambridge Dedicated Teacher Awards**.
- **Gina Justus is an English High School teacher in Sharjah Girls Branch, United Arab Emirates (UAE) since 2005.**
- She was recognized for her mentorship and dedication to charity.
- In this year's competition, **a record 14,840 nominations from 141 countries** were received.
- **The Cambridge Dedicated Teacher Awards** honours exceptional primary and secondary school teachers. It is a global competition.
- In this, students, parents and peers can make nominations of teachers who significantly impacted their educational journey.
- The overall winner of the 2024 Cambridge Dedicated Teacher Awards will be declared on May 29th.



India wins eight medals in 2024 Archery World Cup Stage 1 held in Shanghai, China

- The **18th Archery World Cup Stage -1** was organized by **the World Archery** in **Shanghai, China**.
- **The Indian men's** recurve team won a historic **gold medal** at **the Archery World Cup Stage-1** by defeating the world-champion **South Korean team for the first time** ever.
- **The gold medal** ended a 14-year gold medal drought at the men's recurve team event at the Archery World Cup.
- India finished **the Archery World Cup Stage 1 in Shanghai** with eight medals - five gold, two silvers and one bronze. This is India's highest medal tally at any single edition of an archery World Cup.
- The Indian men's recurve team of **Dhiraj Bommadevara, Tarundeep Rai and Pravin Jadhav** defeated the **World no.1 ranked South Korean team in the final**.
- The Indian team defeated South Korea's team consisting of World and Asian Games champions **Lee Wooseok and Olympic champions Kim Je Deok and Kim Woojin** 5-1 (57-57, 57-55, 55-53) to win a gold medal after 14 years.



- Asian Games champion and World number 3 **Jyothi Surekha Vennam of Andhra Pradesh** won a hat-trick of **gold medals in the compound event**. She won **gold in the individual, women's team and mixed team events**.
- Jyothi defeated **Andrea Becerra of Mexico** to win the women's individual compound gold medal.
- It is the first of the **four World Cup events** to be organized by the World Archery in 2024.

First stage from 23-28 April in Shanghai (China)

Second stage from 21-26 May in Yecheon (South Korea)

Third stage from 18-23 June in Antalya (Turkey)

Final stage from 19-20 October in Tlaxcala (Mexico)

About World Archery:

- World Archery is the global governing body of men's and women's archery.
- **The World Archery** was founded in **1931** to promote and develop archery sports worldwide.

Members: 168 countries

Headquarters: Lausanne, Switzerland

Admiral Dinesh Kumar Tripathi takes charge as new Chief of Naval Staff

- **Admiral Dinesh Kumar Tripathi**, who is a **communication and electronic warfare specialist**, assumed charge as the **26th Navy chief** after incumbent **R Hari Kumar** retired from service after a career spanning **four decades**.
- **Admiral Tripathi** was **serving as the Vice Chief of the Naval Staff** before taking the reins of the force.
- Born on May 15, 1964, Admiral Tripathi was commissioned into the executive branch of the **Indian Navy on July 1, 1985**.
- He has had a long and distinguished service spanning **nearly 39 years**.
- Prior to taking over as **Vice Chief of Navy**, he had served as **Flag Officer Commanding-in-Chief of the Western Naval Command**.
- **Admiral Tripathi** has commanded **Indian Naval Ships Vinash, Kirch and Trishul**.
- He is a recipient of the **Ati Vishisht Seva Medal (AVSM)** and **Nau Sena Medal (NM)**.



India's core sector growth slows to 5.2% in March from 7.1% in February



- **The growth in output of eight key infrastructure industries** are known as the **core sector** slowed to **5.2 per cent year-on-year (Y-o-Y) in March from 7.1 per cent in February** on the back of a sequential deterioration recorded by five of its constituents.
- Output decelerated in sectors like coal (8.7 per cent), crude oil (2 per cent), natural gas (6.3 per cent) and steel (5.5 per cent) during March, according to the data released by the **Ministry of Commerce and Industry**.
- The output of refinery products (-0.3 per cent) and fertilisers (-1.3 per cent) contracted during the month. On the other hand, output of cement (10.6 per cent) and electricity (8 per cent) accelerated in March.
- In March 2023, the core sector had recorded a growth of **4.2 per cent**.

- Overall in **FY24**, growth in the **core sector stood at 7.5 per cent as against 7.8 per cent in FY23**.
- All the eight constituent sectors registered positive growth during the financial year with output of steel (12.3 per cent) leading the chart, followed by coal (11.7 per cent), cement (9.1 per cent), and electricity (7 per cent) in FY24.
- **The eight core industries account for 40.27 per cent** weighting of items included in **the Index of Industrial Production (IIP)** and, thus, have a significant impact on the index.

Indian Air Force and Navy inducted supersonic air-to-surface missile 'Rampage'



- **The Indian Air Force (IAF) and Indian Navy** have bolstered their combat capabilities with the induction of the **Rampage long-range supersonic air-to-surface missile**, previously utilized by **the Israeli Air Force** in operations against **Iranian targets**.
- The missile, known as the **High-Speed Low Drag-Mark 2** within the Indian Air Force, offers a striking **range of up to 250 kilometers**.
- **The Rampage missile** has been successfully integrated into the **IAF's fleet of Russian-origin aircraft, including the Su-30 MKI, MiG-29, and Jaguar fighters**.
- These missiles offer a longer range than the Spice-2000s, previously used in the **Balakot air strikes in 2019**.

- The successful integration of Rampage missiles with the Su-30 MKI significantly enhances the firepower of the Russian aircraft fleet.
- This integration enables the firing of multiple long-range air-to-ground missiles, including the **BrahMos supersonic missiles**, with a strike range exceeding 400 kilometers.

About Rampage Missile:

- The Rampage missile, developed by **Israel Aerospace Industries and Israeli Military Industries Systems**.
- It is a long-range, supersonic, air-to-ground, seekerless precision strike missile designed for destroying high-quality, well-protected targets such as communication and command centers, air force bases, maintenance centers, and infrastructure.

FSSAI to check Spices after Singapore & Hong Kong ban Indian Spices

- **The Indian food regulator Food Safety and Standards Authority of India (FSSAI)** has announced that it will start checking the quality of spices and culinary herbs within the country.
- The FSSAI announcement comes after **Hong Kong and Singapore banned the four spices mixes of two Indian companies, Everest and MDH for containing carcinogenic substances.**
- **The Maldivian government has also banned the sale of Everest and MDH companies' spices in the country.**
- **The United States** has also announce that it will conduct a quality check of the spices made by the two Indian companies.
- The ban is due to the presence of the **cancer-causing pesticide ethylene oxide** above the acceptable limits.
- The International Agency for Research on Cancer has identified ethylene oxide as a major carcinogen that causes cancer in humans.
- The FSSAI will carry additional surveillance of food items like fruit and vegetables, salmonella in fish products, spice and culinary herbs, fortified rice, milk and milk products in 2024-25.



- The number of samples FASSAI tested has grown from 108,000 lakh in 2020-21 to 450,000 in 2023-24. The state government takes action against violations of food safety laws.

About Spice Trades in India:

- **India is the largest producer, consumer, and exporter of spices in the world.** During **2022-23**, the country exported **1404357 tons of spices/spice products valued at Rs.31761 crore (3952.60 million US\$).**
- India exports spices to more **than 180 countries.**
- In 2022-23, **China was the largest importer of Indian spices**, followed by the USA, Bangladesh, the UAE, Thailand, Malaysia, Indonesia, the UK, and Sri Lanka.
- **The largest spice-producing states in India** were **Madhya Pradesh** top, followed by Rajasthan, Gujarat, Andhra Pradesh, Telangana, Karnataka, Maharashtra, Assam, Orissa, Uttar Pradesh, West Bengal, Tamil Nadu, and Kerala.

About FSSAI:

Established: 2008

Headquarters: New Delhi

FSSAI is a statutory body which is under **the Union Ministry of Health and Family Welfare.**

Indian Squad Announced for Men's T20 World Cup 2024

➤ **India** has named its **15-player squad** for the eagerly anticipated **ICC Men's T20 World Cup 2024**, led by the experienced **Rohit Sharma**.

➤ **India's Squad for Men's T20 World Cup 2024:**

Batters: Rohit Sharma (captain), Virat Kohli, Yashasvi Jaiswal, Suryakumar Yadav.

Wicketkeepers: Rishabh Pant, Sanju Samson.

All-rounders: Hardik Pandya (vice-captain), Shivam Dube, Axar Patel, Ravindra Jadeja.

Bowlers: Yuzvendra Chahal, Kuldeep Yadav, Jasprit Bumrah, Arshdeep Singh, Mohammed Siraj.

Reserves: Shubman Gill, Rinku Singh, Khaleel Ahmed and Avesh Khan

➤ The **ninth edition** of the **ICC Men's T20 World Cup**, which will be a 20-team event, will take place **in the USA and West Indies from 1 to 29 June, 2024**.



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Scotland's First Muslim First Minister Resigned

- **British Pakistani Scottish First Minister Hamza Yousaf announced his resignation** after 13 months in office ahead of two no-confidence votes tabled, one against him and one against his government.
- **Hamza** has also left the post of **Scottish National Party (SNP) leader**.
- Yousaf's leadership has come under criticism after the collapse of the SNP's coalition with the Scottish Greens, leading to two motions of no confidence from opposition parties this weekend.
- In 2023, the SNP had faced many challenges, including a funding scandal and the departure of former leader Nicola Sturgeon.
- The Scottish Parliament has 28 days to nominate a replacement otherwise an election will be called.

About Scotland:

Capital: Edinburgh

Currency: Pound sterling



AstraZeneca admits its Covid vaccine, Covishield, can cause rare side effects



- **For the first time, UK pharmaceutical firm AstraZeneca admits in court that its Covid vaccine, Covishield, can cause rare side effects known as Thrombosis with Thrombocytopenia Syndrome (TTS).**
- **AstraZeneca** is facing allegations of severe harm and deaths caused by the vaccine.
- **AstraZeneca developed the vaccine** in collaboration with **the University of Oxford to develop Covishield.**
- Jamie Scott claimed that after the vaccination in April 2021, he suffered a blood clot that left him unable to work.
- 51 cases have been lodged in the High Court, with victims and grieving relatives seeking damages estimated to be worth up to £100 million.

- **Thrombosis with Thrombocytopenia Syndrome (TTS)** is an **extremely rare condition** due to the **formation of blood clots (thrombosis) and low platelet counts (thrombocytopenia)**.
- It is also known as **vaccine-induced immune thrombotic thrombocytopenia (VITT)**.
- **AstraZeneca** had also collaborated with **the Serum Institute of India (SII)** to supply the **vaccine to the Indian government**.

Bru migrants participate in Lok Sabha for the first time as Tripura Voters

- **Around 37,000 Bru migrants from Mizoram** who are now settled in **Tripura** cast their votes in the Lok Sabha.
- They cast their votes in the Lok Sabha elections as voters of Tripura for the first time.
- Around 37,000 Bru migrants run away after ethnic clashes broke out in Mizoram. It was the largest internal displacement in Northeast India so far.
- **Since 1997**, Bru migrants have been stranded in transit camps set up in North Tripura.
- These Bru migrants have been permanently resettled in 11 locations across six districts of Tripura.
- **Bru migrants** had earlier voted in Tripura in the **2023 state** assembly elections.
- **In all three earlier Lok Sabha elections**, the Bru migrants voted as voters of **Mizoram**.
- After an agreement was signed on **January 16, 2020**, to **permanently resettle them in Tripura**.

About Tripura:

Capital: Agartala

Chief Minister: Manik Saha

Governor: N. Indrasena Reddy

