

## EVERYDAY CURRENT AFFAIRS – MAY 30, 2023

### TAMIL NADU

- On May 29, The Tamil Nadu government - signed six MoUs with Japanese companies and their Indian joint venture partners



- ✓ These MoUs were signed in the presence of chief minister MK Stalin, at the end of an investors conclave, organised by the Japan External Trade Organization (JETRO) in Tokyo.
- ✓ A total of six MoUs worth Rs 818.90 crore investments were signed in the fields of automotive spares, metals used in space, defence and construction, as well as construction engineering.
- ✓ Guidance Tamil Nadu, the state's nodal agency for investment promotion and single window facilitation, signed MoUs with Japanese firms KyoKuto Satrac, Mitsuba, Shimizu Corporation, Kohyei, Sato-Shoji Metal Works and Tofle
- ✓ An MoU was signed between Guidance Tamil Nadu, and KyoKuto Satrac towards the setting up of a 13-acre plant at Mambakkam in Kancheepuram district.
  - ✓ The facility at an investment of Rs 113.90 crore will be involved in the manufacturing of trailers and trucks.

- ✓ The MoU with Mitsuba worth Rs 155 crore, will enable the expansion of its plant at SIPCOT Gummidipoondi in Tiruvallur, which is involved in the manufacture of spare parts for two and four-wheelers.
  - ✓ Another MoU signed with Shimizu Corporation will further enlarge the scope for construction, civil engineering and allied industries in the state.
  - ✓ Further, Kohyei has signed an MoU for building a plant with an investment of Rs 200 crore to carry out the manufacturing of polycarbonate sheets, used in roof structures and extrusion lines for electronic components in the construction industry.
  - ✓ In the area of steel manufacturing, Sato-Shoji Metal Works signed a Rs 200 crore worth MoU for a new plant which will manufacture high-quality steel components for space, defence and other applications
  - ✓ As per another MoU, Tofle will invest Rs 150 crore in the manufacture of stainless steel specialised flexible hoses used in steel plants, solar and semiconductor industries.
  - ✓ This is the third set of MoUs signed by the state government during the nine-day business trip of CM Stalin.
  - ✓ Earlier, the state had signed six MoUs with Singapore-based companies in Singapore on May 24, followed by an MoU with Daicel Safety System in Japan on May 26.
  - ✓ In total, CM Stalin has signed 13 MoUs that would totally attract investments worth a little more than Rs.1,130 crore in Singapore and Japan.
- **Senior hepatologist Dr K Narayanasamy, dean of Kilpauk Medical College and Hospital - was appointed vice-chancellor of the Tamil Nadu Dr MGR Medical University by governor R N Ravi.**



- ✓ The governor interviewed three candidates suggested by a search panel at Raj Bhavan on May 29.
- ✓ Dr Narayanasamy's tenure will be for a period of three years with effect from the date of assumption of office.

- ✓ Dr Narayanasamy, who is due for retirement in a month, has to be released by the government for him to take charge as the vice-chancellor.
- ✓ Dr Narayanasamy has more than three decades of experience in medical practice, including 13 years in senior administrative roles such as medical superintendent and nodal officer for various government schemes
- ✓ He also served as the dean of two medical colleges hospital, and was the in-charge of the Government Covid Hospital during the pandemic.
- ✓ Earlier, he created the Institute of Hepatobiliary Sciences (IHBS) at Madras Medical College and served as its director.
- ✓ The search panel was headed by former secretary V K Subburaj, who is the government nominee and convenor of the committee
- ✓ The other two members are anaesthetist Dr Vasanthi Vidhyasagan, the senate nominee and senior neurosurgeon Dr K Selvakumar, the governing council nominee

## STATES

- **On May 31, Maharashtra chief minister Eknath Shinde and his deputy Devendra Fadnavis - will inaugurate the canal network of Nilwande dam**
- ✓ The launch will take place 53 years after the project was conceived to mitigate water scarcity in parts of Ahmednagar and Nashik districts.
- ✓ The final cost of the project has multiplied 655 times of the original estimate due to this massive delay.
- ✓ The project was initially approved at Mhaladevi village in Ahmednagar district in 1970 at an estimated cost of Rs.7. 9 crore.
- ✓ The dam was supposed to have a holding capacity of 11 TMC.
- ✓ Later, in 1979, the project was relocated to Nilwande in the same district and the capacity was reduced to 8. 5 TMC.
- ✓ With all the delays, the final cost of the project went up to Rs.5,177 crore — around Rs.5,169 crore more than the initial budget.
- ✓ The dam was completed and commissioned in 2014, while the canal networks were still under construction.
- ✓ The project is aimed at bringing around 68,000 hectare of land under irrigation and providing drinking water to over 125 villages in Ahmednagar and Nashik district.

## NATIONAL

- **The CBI - has registered an FIR against British aerospace company Rolls-Royce and its senior officials for alleged corruption in procurement of Hawk 115 advance trainer aircraft to the Indian Air Force**
- ✓ The FIR was filed against Rolls Royce PLC, its former India director Tim Jones, British Aerospace Systems (BAES), arms dealer Sudhir Choudhrie along with his son Bhanu Choudhrie and unknown officers of Ministry of Defence



- ✓ The charges against the accused also include cheating, illegal gratification, abuse of official position and destruction of evidence.
- ✓ A British court order in 2017 also mentioned the alleged involvement of intermediaries and payment of commission by Rolls Royce PLC for swinging the deal
- ✓ According to the FIR registered last week, the offence occurred between 2003 and 2012.
- ✓ The CBI had launched a preliminary enquiry into the matter in December 2016.
- ✓ The Choudhries are alleged to be unregistered Indian agents/middlemen who worked for Rolls Royce/BAES in securing award of contract.
- ✓ The Cabinet Committee on Security (CCS), Ministry of Defence in a meeting held on September 3, 2003, approved the procurement of 66 Hawk 115 Aircraft and the signing of an Inter-Government Agreement between the governments of India and the UK for long-term product support.
- ✓ A Memorandum of Understanding was then signed between the two countries on March 19, 2004.
- ✓ Shortly thereafter, two related contracts, for the supply of 24 Hawk aircrafts by way of direct supply, and materials and transfer of technology for 42 aircrafts to be licence-manufactured by HAL, were signed between the Ministry of Defence and BAE Systems/Rolls Royce.
- ✓ The Hindustan Aeronautics Limited (HAL) delivered 42 aircrafts to the Indian Air Force between August 2008 and May 2012.
- ✓ The IAF operates 123 Hawk Advanced Jet Trainers, and the Indian Navy operates 17, most of which are being license-manufactured by HAL.
- **On May 29, India's largest oil and gas producer ONGC - unveiled a Rs 1-lakh-crore investment plan to achieve net-zero operational green house gas emission by 2038**
- ✓ The net-zero deadline of ONGC is the shortest among state-run oil companies and second after private sector Reliance Industries, considering all domestic players in the sector.
- ✓ In terms of investment, it is second to Indian Oil's Rs 2-lakhcrore goal by 2046.
- ✓ Reliance has a net-zero goal of 2035, followed by HPCL, BPCL and Oil India Ltd with a 2040 target; while IndianOil has 2046 and Cairn's goal is 2050.
- ✓ The centrepiece of the plan is boosting renewable energy capacity from 189 mega watts to 10 gigawatts (GW) by 2030



## GREEN GOALS

### Domestic Cos' Net Zero Goals

2035 | Reliance Industries  
2038 | ONGC  
2040 | HPCL, BPCL, Oil India  
2046 | IndianOil  
2050 | Cairn

### Global majors

2050 | BP,  
ExxonMobil,  
Chevron, Shell,  
Rosneft



- ✓ Out of this, 5 GW capacity will be installed in Rajasthan and the state is yet to be identified for the remaining 5 GW capacity.
- ✓ The plan seeks to build green ammonia with annual capacity of one million tonnes, for which ONGC has signed an MoU with Hyderabad-based Greenko group.
- ✓ ONGC produced 19.5MT (million tonnes) of oil in 2022-23, marginally up from the previous year.
- ✓ The output is likely to rise to over 21MT in the current fiscal before hitting 22.3MT in 2025-26.
- ✓ Gas output is expected to rise from 20.6bcm (billion cubic meters) in 2022-23 to 27bcm in 2025-26.

## SCIENCE, TECHNOLOGY & ENVIRONMENT

- On May 29, the Indian Space Research Organisation (Isro) - successfully placed NVS-01, the first of the five second-generation navigation satellite series, into a geosynchronous transfer orbit.



- ✓ The satellite, which will continue the services of NavIC constellation, was placed by a geosynchronous satellite launch vehicle (GSLV-MkII), in its 15th flight.

- ✓ The 51.7 metre tall, 420-tonne, 3-stage Geosynchronous Satellite Launch Vehicle lifted off from the second launch pad at the Satish Dhawan Space Centre, Sriharikota and placed the 2,232kg satellite at a 251km altitude
- ✓ This mission is the sixth operational flight of the GSLV with indigenous cryogenic stage.
- ✓ In the coming days, Isro scientists will perform manoeuvres by firing the onboard propellant to place the satellite in its final orbit.
- ✓ The NVS-1 is the first satellite of the next-generation NavIC satellite aimed to augment the navigational capabilities of the country, by providing accurate and real-time navigation.
- ✓ The NVS-01 satellite, with the mission life of at least 12 years, had additional capabilities including providing new service in L1 band for civilians
- ✓ At present, the NavIC system operates in the L5 band, which is a protected frequency specifically assigned to the Indian system
- ✓ The payload is also carrying an indigenously developed Rubidium atomic clock developed by the Space Applications Centre, Ahmedabad
  - ✓ It is for the first time that an indigenously developed rubidium atomic clock has been used as the scientists earlier opted for imported ones to determine date and location.
- ✓ To meet the positioning, navigation and timing requirements with regard to civil aviation and military, ISRO has established a regional navigation satellite system called Navigation with Indian Constellation (NavIC).
  - ✓ NavIC was earlier known as the Indian Regional Navigation Satellite System (IRNSS).
  - ✓ The NavIC satellites are used in terrestrial, aerial, and marine transportation, location-based services, personal mobility, resource monitoring, surveying and geodesy, scientific research, time dissemination and synchronization, and safety-of-life alert dissemination.
  - ✓ The network covers an area including India and a region up to 1500 km beyond the Indian boundary.
  - ✓ The signals are designed to provide user position accuracy better than 20 meters and timing accuracy better than 50 nanoseconds.
  - ✓ NavIC offers two services -- Standard Position Service (SPS) for civilian users and Restricted Service for strategic users.
  - ✓ NavIC SPS signals are interoperable with the US global navigation satellite system signals, GPS, Glonass from Russia, Galileo (European Union) and BeiDou, China.
- ✓ ISRO has already launched similar navigation satellites--IRNSS-1A,IRNSS-1B,IRNSS-1C, IRNSS-1D, IRNSS-1E,IRNSS-1F,IRNSS-1G, IRNSS-1H and IRNSS-1I.
  - ✓ Of these missions, IRNSS-1H was replaced by IRNSS-1I which was successfully launched on April 12, 2018.

- ✓ The NVS-01 satellite is designed to replace the IRNSS-1G satellite that was launched on April 28, 2016
- ✓ This is the second launch from the Indian space agency within a month and the fifth launch of the year, after the launch of the PSLV in April with two Singaporean satellites, and 7 Indian experiments.
- ✓ The PSLV-C55 mission was launched with two satellites, with the primary one being the TeLEOS-2, a Synthetic Aperture Radar (SAR) payload.

## ECONOMY

- **India - regained its spot as the fifth biggest stock market in the world with a market cap of to \$3.3 trillion ( Rs.286. 6 lakh crore)**



- ✓ The positive performance of the Indian stock market contributed to this resurgence in ranking.
- ✓ In comparison, the US holds the top spot with a market value of \$44.54 trillion, followed by China with \$10.26 trillion and Japan with \$5.68 trillion.
- ✓ Hong Kong is ranked fourth with a market capitalisation of \$5.14 trillion, while France holds the sixth slot with \$3.24-trillion market value.

## SPORTS

- **Chennai Super Kings - became the second team after Mumbai Indians to win 5 IPL titles in the 16<sup>th</sup> edition of domestic extravaganza.**





- ✓ In the final game, MS Dhoni-led CSK defeated Hardik Pandya-led Gujarat Titans (GT) by five wickets at the Narendra Modi Stadium in Ahmedabad in the early hours of May 30
- ✓ CSK's Devon Conway was named the Player of the Match for his knock of 47 off 25 balls in the IPL 2023 final.
- ✓ Gujarat Titans' batsman Shubman Gill, who scored 890 runs in 17 matches with three centuries and four fifties, was named the Player of the Tournament.



- ✓ Shubman Gill also became the 'Orange Cap' holder of the IPL 2023 with 890 runs in the season, becoming the youngest player to do so.
  - ✓ Gill was also awarded the title of 'Gamechanger' and 'Most Valuable Player' of the tournament in the 2023 IPL season.
  - ✓ He was also the recipient of the award for the 'most fours' scored by a player this season.
- ✓ Rajasthan Royals' batting sensation Yashasvi Jaiswal won the 'Emerging Player of the Season' award for the Indian Premier League 2023.
  - ✓ The left-handed batter made 624 runs with an average of 48.08 and a strike rate of 163.61 this season.
  - ✓ Jaiswal struck the fastest half-century in the IPL history, crossing the 50-run mark in 13 balls.
- ✓ Gujarat Titans' pacer Mohammed Shami took the 'Purple Cap' for the most wickets after taking 28 wickets in the IPL 2023
- ✓ With a strike rate of 183.48, Royal Challengers Bangalore's Glenn Maxwell is the 'Electric Striker' of the tournament for IPL 2023
- ✓ Faf du Plessis of Royal Challengers Bangalore was received the award for hitting the 'longest six' in the tournament this year, with an impressive distance of 115 meters.
- ✓ Rashid Khan of defending champion Gujarat Titans was awarded with the 'Catch of the Tournament' award for his exceptional catch of Kyle Mayers during the match against Lucknow Super Giants.



- ✓ Delhi Capitals won the Fair Play Award.
  - ✓ Kolkata Knight Riders' (KKR) Eden Gardens and Mumbai Indians' (MI) home ground Wankhede Stadium won the award for the Best Venues of the Season.
  - ✓ Runners-up Gujarat Titans were awarded prize money of Rs. 12.5 crore while Dhoni's CSK side received the winner's cheque of Rs. 20 crore after a stellar season.
  - ✓ MS Dhoni who was leading in his 10th IPL final, has also drawn level with Rohit Sharma - both men now have five IPL titles as captain.
  - ✓ The Titans had finished on top of the points table for the second successive year and made it to the final after defeating MI in Qualifier 2.
  - ✓ The defending champions, GT had defeated CSK in Ahmedabad on March 31 and then lost to them in Qualifier 1
  - ✓ Chennai Super Kings had won their first IPL title in 2010 and then defended it in 2011.
  - ✓ They were suspended for two years in 2016 and 2017 and came back to win their third title in 2018.
  - ✓ They had a forgettable season in 2020 and 2022 but bounced back with their fourth title in 2021.
- **Manchester City - won their third consecutive Premier League title, after finishing 18 points clear of second-placed Arsenal**
- ✓ They have now won four English top-flight titles in the past eight years, becoming only the fourth club in history to achieve this feat.
  - ✓ The title win also marks Manchester City's successful return to Europe's top competition – the Champions League.
  - ✓ Manchester City star striker Erling Haaland was named Premier League Player of the Season after an incredible debut season in which he scored 36 goals in 35 games
  - ✓ With this, Haaland has broken Andy Cole and Alan Shearer's previous record of 34 in a single Premier League season, which had stood for nearly three decades.
  - ✓ City players have now won the award four years in a row, with Kevin De Bruyne winning in 2019-20 and 2021-22, and Ruben Dias winning in 2020-21.

### TOP SCORERS

36	Erling Haaland (pen 7)
30	Harry Kane (pen 7)
20	Ivan Toney (pen 6)

### ASSISTS

16	Kevin de Bruyne
12	Mohamed Salah
12	Leandro Trossard

### GOALS & ASSISTS

44	Erling Haaland
33	Harry Kane
31	Mohamed Salah

### CLEAN SHEETS

17	David de Gea
14	Aaron Ramsdale
14	Alisson Becker

### BIG CHANCES CREATED

32	Bruno Fernandes
31	Kevin de Bruyne
25	Trent-Alexander Arnold

### YELLOW CARDS

14	Joao Palhinha
12	Joelinton
12	Ruben Neves

2 Manchester United's Casemiro saw red twice this season



- ✓ The 22-year-old was also voted the league's best young player, becoming the first person to win both awards in the same season.
  - ✓ The awards were voted by the public, the captains of the 20 Premier League clubs and a panel of football experts.
  - ✓ The Norwegian sensation was also named the Football Writers' Association Footballer of the Year after claiming a record 82% of the votes
  - ✓ He is also the first player in the Premier League to score hat-tricks in three successive home matches
- **India's Selva Prabhu Thirumaran - claimed the gold medal in men's triple jump at the Venizelia-Chania International 2023 athletics meet in Greece.**



- ✓ Prabhu, 18, topped the podium with a leap of 16.78m, his personal best.
- ✓ The Tamil Nadu athlete registered three legal jumps of 16.34m, 16.78m and 16.25m.
- ✓ Julian Konle of Australia finished second with a jump of 16.60m while local athlete Dimitrios Tsiamis claimed third place with a 16.33m effort.