

Bihar Special

Asia's largest ethanol factory

Why in the news?

Asia's largest ethanol factory is being built in Urwa Bhalwa village of Naxal-affected Chakai block area of the Bihar-Jharkhand border line of Jamui district.

- ❖ The ethanol factory is currently under construction on a 280-acre site. The project has already begun, with the factory expected to be fully operational by 2025.
- ❖ **Employment Generation**- 10 thousand.
- ❖ **Constructed by** - Ankur Y Com Private Company of West Bengal for Rs 4 thousand crores.

International Relations

MoUs signed between India and UAE

Why in the news?

During the official visit of Sheikh Khalid bin Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi, India and the UAE signed several significant Memoranda of Understanding (MoUs), paving the way for cooperation between the two nations in sectors like nuclear energy and petroleum.

- ❖ **Nuclear Energy**: MoU signed between Emirates Nuclear Energy Company (ENEC) and Nuclear Power Corporation of India Limited (NPCIL) for operation and maintenance of Barakah Nuclear Power Plant in the UAE.
- ❖ **LNG Supply**: Agreement signed between Abu Dhabi National Oil Company (ADNOC) and Indian Oil Corporation Limited for long-term LNG supply.
- ❖ **Petroleum and Energy Cooperation**: MoU between ADNOC and India Strategic Petroleum Reserve Limited (ISPRL); Production Concession Agreement for Abu Dhabi Onshore Block 1 between Urja Bharat and ADNOC.
- ❖ **Food Parks Development**: MoU signed between the Government of Gujarat and Abu Dhabi Developmental Holding Company (ADQ) for food parks in India.
- ❖ **Strategic Ties**: India and UAE reaffirmed their deepening Comprehensive Strategic Partnership across various sectors.

- ❖ **High-Level Meetings:** The visit followed Indian Prime Minister Narendra Modi's February 2024 visit to the UAE, where eight agreements were exchanged after discussions with UAE President Sheikh Mohamed bin Zayed Al Nahyan.



Defence And Security

Exercise Yudh Abhyas 2024

Why in the news?

The 20th edition of the India-US Joint Military Exercise, Yudh Abhyas 2024, commenced at the Foreign Training Node in the Mahajan Field Firing Ranges, Rajasthan.

- ❖ This year's exercise will take place from September 9 to 22, 2024.
- ❖ Since its inception in 2004, Exercise Yudh Abhyas has been held annually, alternating between India and the United States.

Miscellaneous

Informa Connect Academy Report

Why in the news?

Billionaire Elon Musk could become the world's first trillionaire by 2027. This means that his wealth will exceed \$1,000 billion.

- ❖ **Gautam Adani:** Projected to achieve trillionaire status by 2028.
- ❖ **Mukesh Ambani:** Expected to reach trillionaire status by 2033.
- ❖ **Elon Musk:** With a net worth of US\$237 billion, Musk would need to grow at an average annual rate of 110% over the next three years to become the world's first trillionaire.
- ❖ Informa Connect Academy is a wealth-tracking organization.

Awards and Honors

TIME 100 Most Influential People in AI 2024

Why in the news?

Recently TIME, the New York (the United States of America) Magazine, released "TIME 100 Most Influential People in AI 2024".

- ❖ Actor Anil Kapoor, Union Information Technology Minister Ashwini Vaishnaw and Infosys co-founder Nandan Nilekani are among the Indians who have been honoured.
- ❖ The list includes 15 individuals of Indian or Indian origin, including Sundar Pichai of Google and Satya Nadella of Microsoft.
- ❖ **Sundar Pichai:** CEO of Google and Alphabet, recognized for his visionary leadership.
- ❖ **Satya Nadella:** CEO of Microsoft, honored for his pioneering contributions.
- ❖ **Rohit Prasad:** SVP and head scientist of Artificial General Intelligence at Amazon.

About TIME 100 Most Influential People in AI 2024: 2nd edition of TIME 100 Most Influential People in AI.

- ❖ The list has categorized the influential people into Four different categories namely, Leaders, Innovators, Shapers and Thinkers.

About TIME Magazine:

- ❖ **CEO:** Jessica Sibley
- ❖ **Headquarters:** New York, United States of America (USA)
- ❖ **First Edition:** April 1923



Swachh Vayu Survekshan Awards, 2024

Why in the news?

The Awards were presented to Agra, Jabalpur, and Surat (category 1), Firozabad, Amravati, & Jhansi (category 2), Raebareli, Nalgonda, & Nalagarh (category 3).

About Swachh Vayu Survekshan Awards

- ❖ An initiative of the Environment Ministry ranks cities on the implementation of activities approved under the city action plan & air quality in 130 National Clean Air Program (NCAP) cities.
- ❖ **Criteria:** solid waste management, road dust control, industrial emissions, etc.
- ❖ **3 categories:** Given annually on International Day of Clean Air for Blue Skies (September 7th) to the top 3 cities based on population as under- -
 - ❖ **Category-1** (10 Lakhs+)
 - ❖ **Category-2** (3 - 10 Lakhs)
 - ❖ **Category-3** (under 3 Lakhs)

Sports

US Open 2024

Why in the news?

❖ Jannik Sinner's Victory (Italy):

- Won his first US Open men's singles title, defeating Taylor Fritz (USA) 6-3, 6-4, 7-5 in the final on 8 September 2024.
- First Italian man to win the US Open in the Open Era.
- This was Sinner's second Grand Slam title, having previously won the 2024 Australian Open.
- Reached the semi-finals of the 2024 French Open and quarter-finals of the 2024 Wimbledon.

❖ Aryna Sabalenka's Victory (Belarus):

- Won her first US Open women's singles title by defeating Jessica Pegula (USA) 7-5, 7-5 in the final on 7 September 2024.
- Sabalenka's third Grand Slam title, following her victories at the 2023 and 2024 Australian Open.

❖ Tournament Overview:

- The 2024 US Open was held from 19 August to 8 September 2024 at Flushing Meadows, Queens, New York City, USA.
- The four Grand Slam events are the Australian Open, French Open, Wimbledon, and US Open.

Winners and runners-up of the US Open 2024

Event	Winner	Runners-Up
Men's Single	Jannik Sinner (Italy)	Taylor Fritz (USA)
Women's Single	Aryna Sabalenka (Belarus)	Jessica Pegula (USA)
Men's Double	Max Purcell and Jordan Thompson (Australia)	Kevin Krawietz and Tim Puetz (Germany)
Women's Double	Lyudmyla Kichenok (Ukraine) and Jelena Ostapenko (Latvia)	Kristina Mladenovic (France) and Zhang Shuai (China)
Mixed Doubles	Sara Errani and Andrea Vavassori (Italy)	Donald Young and Taylor Townsend (USA)

About the US Open :

- ❖ The US Open is the fourth and the last Grand Slam tournament of a calendar year.
- ❖ It was first held in 1881, and since 1978, it has been played on the hard court.
- ❖ Since 1978, all the US Open matches have been played at the United States Tennis Association Billie Jean King National Tennis Center in Flushing Meadows, Queens, New York.
- ❖ In the Open era, Roger Federer (Switzerland), American Pete Sampras and Jimmy Connors have won the men's singles title for a record five times each.
- ❖ In the open era, Serena Williams and Chris Evert (both American) hold the record for winning six titles each.

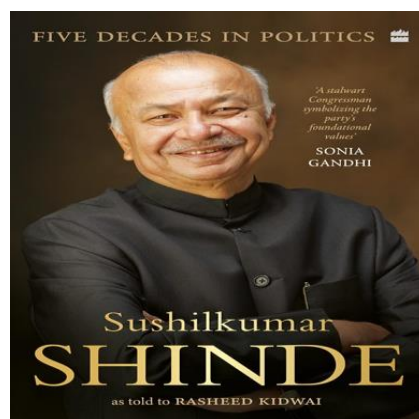


Books And Authors

Book - Five Decades in Politics

Why in the news?

- ❖ Autobiography of former Union Minister Sushilkumar Shinde
- ❖ Author: Rasheed Kidwai



News in Short

- ❖ Six-year-old Seren Price from the UK has become the youngest person to climb Mount Toubkal, North Africa's highest mountain.
- ❖ Ahmedabad (Gujarat)-based Housing Development Board Financial Services Ltd (HDBFS) has become the first non-banking financial company (NBFC) to launch the National Payments Corporation of India's (NPCI) electronic Know Your Customer (e-KYC) Setu system.

- ❖ The Union Bank of India announced its decision to become a signatory to the Partnership for Carbon Accounting Financials (PCAF).
- ❖ Rajesh Verma has been appointed as the Chairman of the Commission for Air Quality Management (CAQM).
- ❖ Arun Goel has been appointed as the next Ambassador of India to the Republic of Croatia.
- ❖ India's 1st silicon Carbide manufacturing facility to be set up in Odisha Silicon Carbide (SiC).

- ❖ Uttar Pradesh Chief Minister Yogi Adityanath inaugurated the Jatayu Conservation and Breeding Center at Bharivaisi, Campierganj Range of Gorakhpur Forest Division on 6 September 2024. It is the world's first conservation and breeding center for the Asian King Vulture or the Red-Headed Vulture.
- ❖ Mahuapani, a remote village in Chhattisgarh's Jashpur district, has got an electricity connection for the first time since independence.



PW Web/App: <https://smart.link/7wwosivoicgd4>

For more such content, subscribe to our Telegram Channel https://t.me/pw_upsc