Daily Current Affairs
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SEMICON India 2024

- **Prime Minister Narendra Modi** underscored that India can become a trusted partner in a diversified semiconductor supply chain.
- He said semiconductor is the basis of the **Digital Age and the day** is not far when the **semiconductor industry will be the bedrock** for even the necessities. Mr Modi said this while chairing the Semiconductor Executives Roundtable at his residence in New Delhi, a day ahead of SEMICON India.
- Prime Minister emphasised that democracy and technology together can ensure the welfare of humanity. He added that India is moving ahead on this path recognizing its **global responsibility** in the semiconductor sector.

- He said that the government will continue to support the industry at every step with a focus on Make In India and Make for the World. **Prime Minister will inaugurate SEMICON India 2024 in Greater Noida**.
- The theme of the three-day event is **"Shaping the Semiconductor Future".** The conference will showcase India's semiconductor strategy and policy which envisions making India a global hub for semiconductors. It will witness the participation of top leadership of global semiconductor giants.

- **SEMICON will bring together global leaders**, companies, and experts in the semiconductor industry. The conference will witness participation of more than 250 exhibitors and 150 speakers.

First ANRF Governing Board Meeting

- Prime Minister Narendra Modi has stressed finding local solutions for the global problems. The Prime Minister chaired the **first Governing Board meeting of the newly formed Anusandhan National Research Foundation** (ANRF) in New Delhi.
- During the meeting, the Prime Minister asked to identify those obstacles which are hindering the path of the research ecosystem and take steps to remove these problems.
- Calling for **upgradation and standardisation of institutions**, the Prime Minister suggested developing a list of domain experts and developing a dashboard to track the progress of research and development.

HIGHLIGHTS of First meeting of Governing Body of Anusandhan National Research Foundation (ANRF) chaired by Prime Minister

- Need for upgradation and standardisation of institutions
- Scientific monitoring of utilisation of resources for research and innovation.
- Promoting fundamental research for advancement of knowledge
- Development of dashboard for easier tracking of information related to research and development.
- Flexible and transparent funding for Researchers
- ANRF strategies to align with the goals of Viksit Bharat 2047.
- Centres of Excellence to be set up to support interdisciplinary research in humanities and social sciences

- Prime Minister stressed upon the need for scientific monitoring of the utilisation of resources for research and innovation. He said the scientific community should have faith that there will be no dearth of resources for their endeavours.
- **On the Atal Tinkering Labs,** the Prime Minister suggested that grading of these labs can be done. During the meeting, the Governing Body decided to launch a programme in hub and spoke mode by pairing universities where research is at the nascent stage with top-tier established institutions in mentorship mode.

- **ANRF was established on the recommendation** of National Education Policy 2020. It is aimed at fostering a culture of research and innovation across the country's universities, colleges, research institutions, and Research and Development laboratories.
- **Anusandhan National Research Foundation** acts as an apex body to provide high-level strategic direction of scientific research in the country.

India's Semiconductor Mission

- US says, it will partner with **India's Semiconductor Mission** to explore opportunities to grow and diversify the global semiconductor ecosystem under **International Technology Security and Innovation** (ITSI) Fund, created by the **CHIPS Act of 2022**.
- US Department of State said, this partnership will help create a more resilient, secure, and **sustainable global semiconductor value chain**.

- US-India Strategic Partnership Forum posted a video where Kurt Campbell, US Deputy Secretary of State, said, expanding US partnership with India is one of the most strategically important efforts taken by the Biden administration.
- He said, **successive administrations in Washington and New Delhi** have invested time and political capital to bring this partnership to greater and greater heights.
- **Mr Campbell**, addressing the forum through video conference, said that today, India and the **US are more aligned** than ever before. He also expressed hope that these efforts will continue given the deep bonds that tie both the countries together and the strategic challenges they face.

- This collaboration between the **United States and India** underscores the potential to expand India's semiconductor industry to the benefit of both nations.

Swachh Vayu Survekshan 2024

- WonUnion Environment Ministry Presented **"National Clean Air City"** Awards During **Swachh Vayu Survekshan 2024**. Held As Part Of A National Workshop Celebrating The **"International Day Of Clean Air For Blue Skies"** In Jaipur, Indian Cities In **Improving Their Air Quality**.

Major Cities (Population Over 10 Lakh)

- Surat, Gujarat: Emerged As The Top Major City
- Jabalpur, Madhya Pradesh: Secured The Second Position
- Agra, Uttar Pradesh: Ranked Third Among Large Cities

Medium-sized Cities (Population Between 3 Lakh And 10 Lakh)

- Firozabad, Uttar Pradesh
- Amravati, Maharashtra
- Jhansi, Uttar Pradesh

Smaller Cities (Population Under 3 Lakh)

- Raebareli, Uttar Pradesh
- Nalgonda, Telangana
- Nalagarh, Himachal Pradesh

- This Surveying And Ranking System Serves As A Crucial Tool For:
- Encouraging Healthy Competition Among Cities
- Promoting Best Practices In Air Quality Management
- Providing A Standardized Framework For Evaluating Urban Air Quality Initiatives

Africa Urban Forum

- Won**Africa Urban Forum** Was Held In **Addis Ababa** To Address The **Rapid Urbanisation** Happening Across Africa. Urbanisation, Or The Growth Of Cities, Was Described As An **"Irreversible Trend,"** Meaning It's Something That Cannot Be Stopped And Must Be Managed Carefully.

- Forum Brought Together **Many Different People**, Including Government Officials, City Planners, And Experts, To Discuss How To Create Cities That Are Environmentally Friendly, Socially Fair, And Economically Strong. It's Important To Plan How City Will Grow. Good Urban Planning Ensures That Cities Support Growing Populations And Provide Everyone With Equal Access To Services.
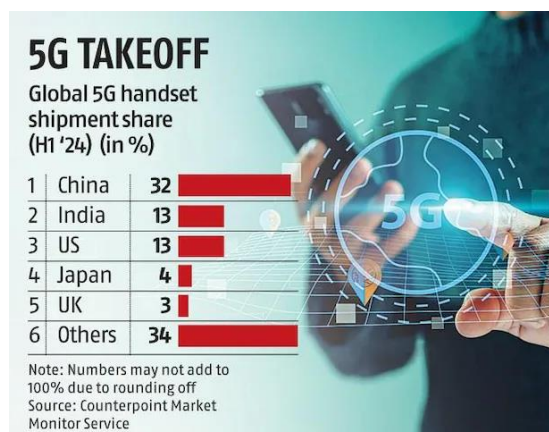
What are AI Tokens

- **AI Tokens, A Novel Intersection Of Artificial Intelligence** (AI) And Web3, Have Gained Significant Attention. This Interest Surged Following Reports Of Major Tech Companies, Such As Apple And Nvidia, Considering Investments In OpenAI, And Venture Firm Thrive Capital's $1 Billion Funding Infusion Into OpenAI.
- AI Tokens Are A **Type Of Cryptocurrency** Tied To Artificial Intelligence (AI) Projects. Unlike Regular Cryptocurrencies Like Bitcoin, AI Tokens Are Used Specifically Within Ai-related Platforms Or Protocols. These Tokens Are Often

Built On Blockchain Systems Such As Ethereum Or Cardano, And They Help Facilitate AI Activities Within These Networks.

India Emerges Second Largest 5G Smartphone Market

- Counterpoint Research Reported That India Has Surpassed United States To Become **World's Second-largest Market** For 5G Smartphones. China Maintains Its Leadership With A Dominant 32% Market Share. India Has Ascended To Second Place, Capturing A Substantial 13% Share. The United States Has Been Relegated To Third Position, Holding 10% Of The Market.

5G TAKEOFF
Global 5G handset shipment share (H1 '24) (in %)

#	Country	%
1	China	32
2	India	13
3	US	13
4	Japan	4
5	UK	3
6	Others	34

Note: Numbers may not add to 100% due to rounding off
Source: Counterpoint Market Monitor Service

- **Factors Driving India's 5G Smartphone Growth**
- Significant Contributions From Major Brands: Samsung, Vivo, And Xiaomi Have Played Pivotal Roles In Popularizing 5g Devices.
- Focus On The Budget Segment: Introduced Affordable 5G Smartphones, Accessible To A Broader Consumer Base.
- Diverse Price Segments: 5G Smartphones Are Gaining Traction Across Various Price Points, Catering To Different Consumer Needs And Preferences.

REVIEW QUESTIONS

1. Name Of Super Typhoon That Hit Southeast Asia, Causing Extensive Damage

A. Beryl

B. Hainan

C. Yagi

D. Luzon

ANSWER: C

2. Swachh Vayu Diwas, Is Observed On Which Day

A. 1 September 2024

B. 5 September 2024

C. 7 September 2024

D. 10 September 2024

ANSWER: C

3. Abdelmadjid Tebboune Elected As President Of Which Country

A. Algeria

B. Australia

C. Iran

D. Vietnam

ANSWER: A

4. Which City Secured First Position In Swachh Vayu Survekshan 2024

A. Jaipur

B. Surat

C. Kolkata

D. Varanasi

ANSWER: B

5. Sukanya Samriddhi Yojana, Was Launched In Which Year

A. 2014

B. 2015

C. 2018

D. 2020

ANSWER: B

6. **Who Was Announced As First Indian Ambassador Of The International Table Tennis Federation**
A. Yuki Bhambri
B. Ashok Amritraj
C. Sharath Kamal
D. Sumit Nagal
   ANSWER: C

7. **Where Was The Global Fintech Fest (GFF) 2024 Held**
A. New Delhi
B. Mumbai
C. Chennai
D. Hyderabad
   ANSWER: B

8. **Where Was The "World Deaf Shooting Championship 2024" Held**
A. Beijing, China
B. New Delhi, India
C. Paris, France
D. Hanover, Germany
   ANSWER: D

9. **Jagar Lok Sanskriti Utsav, Is Festival Celebrating Folk Culture Of Which State**
A. Assam
B. Uttarakhand
C. Kerala
D. Odisha
   ANSWER: B

10. **Which Country Resolved A WTO Trade Dispute With India Over Sugar Subsidies**
A. Brazil
B. China
C. Australia
D. Malaysia
   ANSWER: A

11. Pahari Korwa Tribe, Is PVTG Of Which State

A. Rajasthan

B. Gujarat

C. Chhattisgarh

D. Assam

ANSWER: C

12. Where Was "Responsible Use Of Artificial Intelligence In The Military Domain" Summit Started

A. Paris

B. Seoul

C. New Delhi

D. London

ANSWER: B

13. Who Has Been Appointed As New Finance Secretary Of India

A. Arun Kumar

B. Susheel Kumar Trivedi

C. Tuhin Kanta Pandey

D. Jitendra Kumar

ANSWER: C

14. How Many Indic Languages Will Google Deepmind's Morni AI Project Cover

A. 58

B. 125

C. 73

D. 9

ANSWER: B

15. Which Indian Institute Has Inaugurated A New Campus In Abu Dhabi

A. IIT Bombay

B. IIT Madras

C. IIT Delhi

D. IIT Kanpur

ANSWER: C

16. Company Partnered With Goa To Improve Plastic Waste Management Mormugao

A. Bisleri

B. Aquafina

C. Coca-Cola

D. Kinley

ANSWER: A

17. Which Institution Is Ranked Highest Among Government Engineering Colleges In The IIRF 2024 Engineering Rankings

A. IIT Madras

B. IIT Delhi

C. IIT Kharagpur

D. IIT Bombay

ANSWER: D

18. Which Company Is Partnering With ADNOC To Build The World's Largest Low-carbon Hydrogen Facility In Baytown, Texas

A. Royal Dutch Shell

B. ExxonMobil

C. Chevron Corporation

D. TotalEnergies

ANSWER: B

19. Which Airline Group Inaugurated A 35-acre MRO Facility At Bengaluru Airport To Boost India's Aviation Self-reliance

A. IndiGo

B. SpiceJet

C. Air India

D. Vistara

ANSWER: C

20. Temple City Of Osean In Rajasthan Was Established By Which Of The Following Rajputs

A. Gurjar Pratiharas

B. Chauhans

C. Solankis

D. Sisodias

ANSWER: A