



## 27th IEEE WPMC 2024

### Why in News?

Recently, India hosted the **27<sup>th</sup> IEEE International Symposium on Wireless Personal Multimedia Communications (WPMC) 2024** in **Greater Noida**.

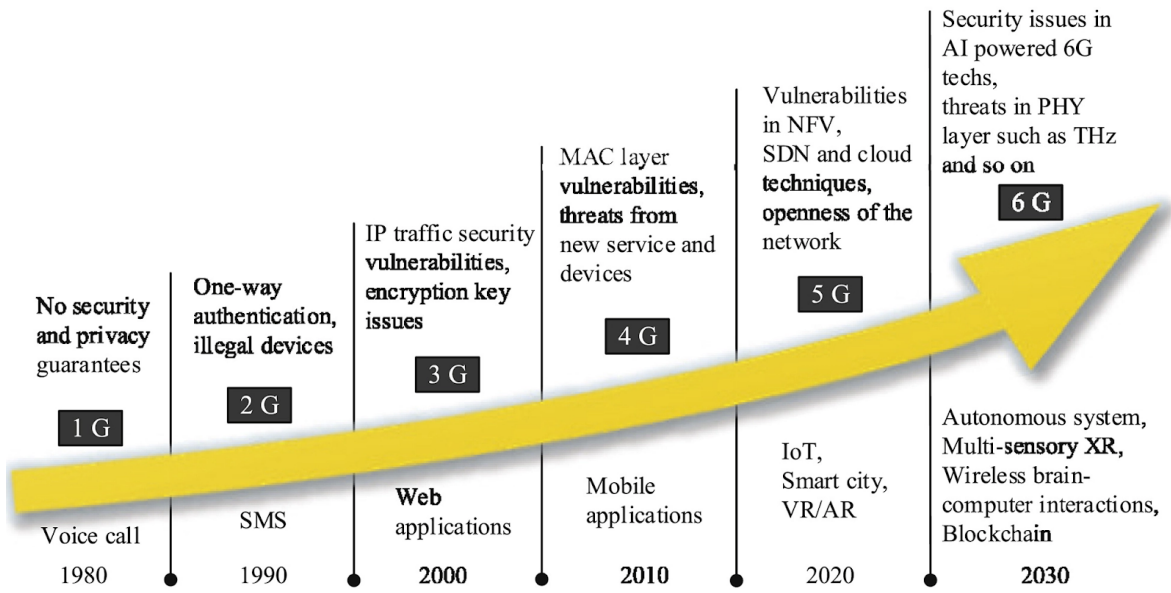
- Indian officials highlighted the country's rapid strides in telecommunication innovation, and **transitioning from 5G deployment to** envisioning the future of [6G technology](#).

### Key Points

- **Objective and Theme:**
  - It **provides a platform** for researchers, industry leaders, and policymakers to **discuss advancements in wireless communications**.
  - The **theme, "Secure 6G - AI Nexus: Where Technology Meets Humanity,"** focuses on the **intersection of 6G** and [Artificial Intelligence \(AI\)](#).
- **Venue:**
  - The event was **hosted at Sharda University** and has brought together experts and thought leaders from various countries.
- **India's Role in Wireless Communication:**
  - An expert highlighted **India's growing innovation ecosystem** and its potential to **contribute significantly to the global telecommunications sector**.
  - India is expected to file approximately **10 patents related to 6G technology** soon, further enhancing its economic and technological stature.
- **Vision for 6G Technology:**
  - The government envisions achieving unprecedented **speeds of up to 1 terabit per second with ultra-low latency**, marking a transformative step in global connectivity and socio-economic development.
  - This initiative aligns with national goals to position India as a global leader in the telecommunications sector.
- **Transformative Potential of 6G:**
  - Experts emphasized the potential of 6G to enable portable devices with **advanced capabilities, focusing on high-frequency utilization and minimal latency**.
  - The technology is expected to **revolutionize rural ecosystems** by facilitating remote healthcare, education, and agriculture, aligning with **India's mission to bridge the digital divide and promote [inclusive growth](#)**.

### India's initiative for providing safer and better telecom services:

- [Telecommunication Act, 2023](#)
- [Digital Personal Data Protection Act, 2023](#)
- [National Cyber Security Strategy](#)
- [Bharat 6G Alliance](#)
- [BharatNet Project](#)



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