



# MAHARAJA SURAJMAL INSTITUTE of TECHNOLOGY

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## DEPARTMENT OF E.C.E

### REPORT: Indian Mobile Congress 2024

**Event Name:** *Indian Mobile Congress 2024*

**Date:** 15<sup>th</sup>-18<sup>th</sup> October 2024

**Venue:** Pragati Maidaan, New Delhi

**Report:** The **India Mobile Congress (IMC) 2024**, one of the largest telecom and technology events in Asia, was held from **15th to 18th October 2024** at Pragati Maidan, New Delhi. Organized by the Department of Telecommunications (DoT) and Cellular Operators Association of India (COAI), the theme of this year's event was "**The Future is Now,**" focusing on the transformative potential of **5G, 6G, Artificial Intelligence (AI), quantum computing,** and **sustainable telecommunications**. IMC 2024 hosted over **100,000 attendees**, including industry leaders, government officials, and innovators from around the world.

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### **Inauguration Ceremony: October 15, 2024**

The grand **inauguration of IMC 2024** was led by **Prime Minister Narendra Modi**, who delivered an inspiring keynote speech highlighting **India's pivotal role in the global digital revolution**. Modi proudly announced that **5G services** have now reached **every district in India**, positioning the country as a leader in the world of telecommunications. He further emphasized India's ambitious roadmap to **develop 6G technologies by 2030**, setting a visionary goal for the future of connectivity. Modi declared, "Telecommunications is not just about enhancing connectivity but about empowering people and creating equal opportunities for everyone, especially in rural areas."

Respected Prime Minister, Mr. Narendra Modi also pointed out how **5G technology**, combined with **AI** and **machine learning**, is helping revolutionize critical sectors like **agriculture**, **healthcare**, and **education**. He reiterated the importance of fostering a **digital ecosystem** that is inclusive, affordable, and capable of addressing the challenges faced by a diverse nation like India.

In his speech, the Prime Minister further highlighted **India's rise as a global digital powerhouse**, stating that the nation has not only adopted cutting-edge technologies like **5G** but is also working on **quantum computing** and **AI applications** to enhance economic growth and innovation.

The ceremony was also attended by other distinguished dignitaries, including **Mr. Jyotiraditya Scindia**, Union Minister of Communications, and **Mr. Ashwini Vaishnaw**, Minister for Railways and Communications. Both spoke about India's growing influence in **telecommunications** and laid out the **government's strategic plan** for ensuring that **6G** will be launched as a global leader by **2030**.

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## Day 1: October 15, 2024

### Keynote Speakers and Sessions:

The opening day featured presentations by some of the most prominent figures in the telecom industry, including **Sunil Bharti Mittal**, Chairman of **Bharti Enterprises**, and **Mukesh Ambani**, Chairman of **Reliance Industries**. Sunil Mittal's keynote session focused on the **critical role of 5G** in driving innovation and transforming industries. He emphasized how **sustainable telecom infrastructure** is key to India's digital future and committed to expanding **Bharti Airtel's 5G services** across the country.

**Mukesh Ambani** delivered a compelling session on **AI-powered 5G**, stressing how **AI and 5G** are creating a convergence that will drive the **next wave of technological disruption** in **manufacturing**, **healthcare**, and **finance**. He also emphasized **Reliance Jio's** role in **bridging the digital divide** by providing **affordable 5G access** to millions of people in rural India.

### Exhibitions:

On Day 1, the **exhibition hall** was buzzing with cutting-edge showcases from companies like **Ericsson**, **Qualcomm**, and **Samsung**, demonstrating their **5G and AI solutions**. Visitors had the chance to interact with **IoT-powered devices**, **autonomous drones**, and **augmented reality (AR) displays**. **Meta's Ray-Ban XR smart glasses**, powered by Qualcomm's **Snapdragon AR1 chip**, were among the highlights, offering a glimpse into the future of **augmented reality applications**.

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## Day 2: October 16, 2024

### AI and Digital Transformation:

On the second day, the focus shifted to the **integration of AI in telecommunications**. **Akash Ambani**, Chairman of **Reliance Jio**, delivered a keynote address on how **AI-powered 5G** is transforming industries by enabling real-time decision-making, optimizing network performance, and creating personalized user experiences. Akash shared **Jio's innovations** in fields like **smart healthcare, education, and remote diagnostics**, driven by **AI and IoT**.

### Exhibitions:

Qualcomm's **on-device AI demonstrations** stole the show on Day 2, with visitors experiencing **edge computing** applications, **autonomous driving simulations**, and **AI-driven smart appliances**. The company's latest **Snapdragon 8 Gen3 processor** powered many of these AI-based applications, from **real-time speech recognition** to **object detection**.

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## Day 3: October 17, 2024

### Satellite Communications and 6G:

Day 3 of IMC 2024 was dedicated to **satellite communication** and **6G technology**. A panel discussion, featuring representatives from **OneWeb, ISRO, and SpaceX**, highlighted the importance of satellites in providing connectivity to **remote and underserved areas**. They discussed how satellites can complement terrestrial 5G networks to **bridge the digital divide**.

A much-anticipated session on **India's 6G roadmap** outlined the government's vision for **6G** by 2030. Experts from **TRAI** and **global telecom leaders** delved into how **quantum communication, low-latency AI-driven networks, and holographic technologies** will be the cornerstones of future 6G applications.

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## Day 4: October 18, 2024

### Future of Telecom Infrastructure:

On the final day, sessions explored the future of **telecom infrastructure** with a focus on **green technologies** and **sustainable networks**. Companies like **Ericsson** and **Xiaomi** showcased **energy-efficient data centers** and **zero-emission 5G towers**, aiming to reduce the environmental impact of network deployments.

A live demo of **AI-driven 5G networks** gave attendees a hands-on experience of how **AI algorithms** can **optimize network operations** in real time, from traffic management to **energy consumption reduction**.

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## **Conclusion:**

The **India Mobile Congress 2024** showcased India's meteoric rise as a global digital leader, with cutting-edge technologies like **5G, AI, and 6G** at the forefront of the discussions. With powerful speeches from Prime Minister **Narendra Modi** and industry leaders, the event provided a platform for knowledge exchange and collaboration, setting a course for **India's digital future** as it continues to lead in **telecom innovation, sustainability, and inclusivity**

## **Snapshots from the event:**





GPS Map Camera



New Delhi, Delhi, India  
4b, near I'm, Pragati Maidan, New Delhi, Delhi 110001, India  
Lat 28.614878°  
Long 77.244101°  
16/10/24 11:25 AM GMT +05:30



GPS Map Camera

New Delhi, DL, India  
Pragati Maidan, New Delhi, 110001, DL, India  
Lat 28.614338, Long 77.244954  
10/16/2024 10:51 AM GMT+05:30  
Note : Captured by GPS Map Camera



 **GPS Map Camera**



New Delhi, Delhi, India  
Hall No 19, Pragati Maidan, New Delhi, Delhi 110001, India  
Lat 28.617057°  
Long 77.242754°  
16/10/24 10:47 AM GMT +05:30