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India Mobile Congress (IMC) 2024 Report

The eighth edition of the India Mobile Congress (IMC), Asia's premier digital technology exhibition, took place from October 15 to 18, 2024, at Bharat Mandapam in New Delhi. Co-hosted by the Department of Telecommunications (DoT) and the Cellular Operators Association of India (COAI). The event underscored India's position as a global leader in digital transformation and telecommunications innovation. IMC 2024 brought together key stakeholders from the tech ecosystem, including industry leaders, innovators, government representatives, and thought leaders from across the globe. The event featured cutting-edge technologies, 5G and 6G advancements, and AI-driven solutions, all contributing to India's growing influence in shaping the future of digital connectivity. Additionally, IMC 2024 coincided with two prestigious international conferences:

- The World Telecommunication Standardization Assembly (WTSA) 2024
- The Global Standards Symposium (GSS) 2024

These events, held from October 14 to October 18, 2024, at the same venue, attracted experts and policymakers from around the world to discuss and shape the future of telecommunication standards and global digital policy.

With its emphasis on innovation and global collaboration, India Mobile Congress (IMC) 2024 firmly established itself as a key platform for unveiling the transformative potential of next-generation digital technologies.

Following are some salient aspects of IMC2024:



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1. India's Leadership in 5G, 6G, and Beyond

The event spotlighted India's significant strides in 5G technology, with leading telecom giants such as Reliance Jio, Bharti Airtel, and Vodafone Idea showcasing their extensive 5G rollouts. Discussions on 6G research were equally prominent, with early prototypes demonstrating the possibilities of ultra-high-speed connectivity.

Artificial intelligence (AI) and the Internet of Things (IoT) were central themes, as solutions for smart cities, healthcare, and urban planning drew significant attention. The emphasis on practical AI-based applications reflected India's ongoing commitment to leveraging digital technology for societal benefit.

2. Empowering Startups and Fostering Innovation

IMC 2024 placed a strong emphasis on emerging innovators, with a dedicated focus on startups from diverse sectors such as fintech, healthtech, and agritech. These startups showcased groundbreaking solutions and benefited from investor meetings and mentorship opportunities. This aspect of the event helped cultivate a dynamic ecosystem of innovation and growth, reinforcing India's role as a hub for technological entrepreneurship.

3. Prime Minister Narendra Modi's Vision for 'Digital India 2.0'

In his keynote address, Prime Minister Narendra Modi emphasized his vision for 'Digital India 2.0,' which aims to strengthen the adoption of AI, 5G, and 6G technologies. He announced new government initiatives, including an extension of the Production Linked Incentive (PLI) schemes for electronics manufacturing and the ambitious **Digital Bharat Mission**, which seeks to provide high-speed internet access to every household by 2025.

4. Global Participation and Insightful Discussions

IMC 2024 attracted major global technology companies such as Qualcomm, Google, Microsoft, and Samsung, who showcased their latest advancements in AI, cloud computing, 5G devices,



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and IoT solutions. The event also featured panel discussions on critical topics, including cybersecurity, the future of work, and smart grids, offering valuable insights into emerging trends.

5. Significance of IMC

- **Insights from Thought Leaders**

IMC brings together diverse perspectives from government, industry, and academia, with discussions on topics like 5G, 6G, broadcasting technology, semiconductors, and electronics manufacturing.

- **Influence on Policy Decisions**

Collaborative round table discussions between government officials, business leaders, and industry experts provide critical insights, helping shape policies with significant socio-economic impacts.

- **Collaboration and Networking Opportunities**

IMC offers unparalleled opportunities to expand professional networks, forge connections, and explore potential partnerships, making it a valuable platform for all attendees.

- **Technology Road Mapping**

The event provides key insights from industry experts, helping to define a technology roadmap that will shape the future of digital innovation.

Key Highlights and Achievements of IMC 2024

IMC 2024 concluded with a record-breaking 1.75 lakh participants, over 310 partners and exhibitors, and representatives from 123 countries. The event saw participation from 13 government ministries, 29 academic institutions, and 920 startups, offering a vibrant platform for showcasing over 900 technology use cases, including 750 AI-based applications.



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The event featured 186 sessions, engaging more than 820 speakers who discussed critical themes such as 5G, 6G, AI, IoT, quantum computing, cybersecurity, and electronics manufacturing. Innovations in quantum technology, satcom, and green technology further reinforced India's leadership in the digital domain.

Conclusion

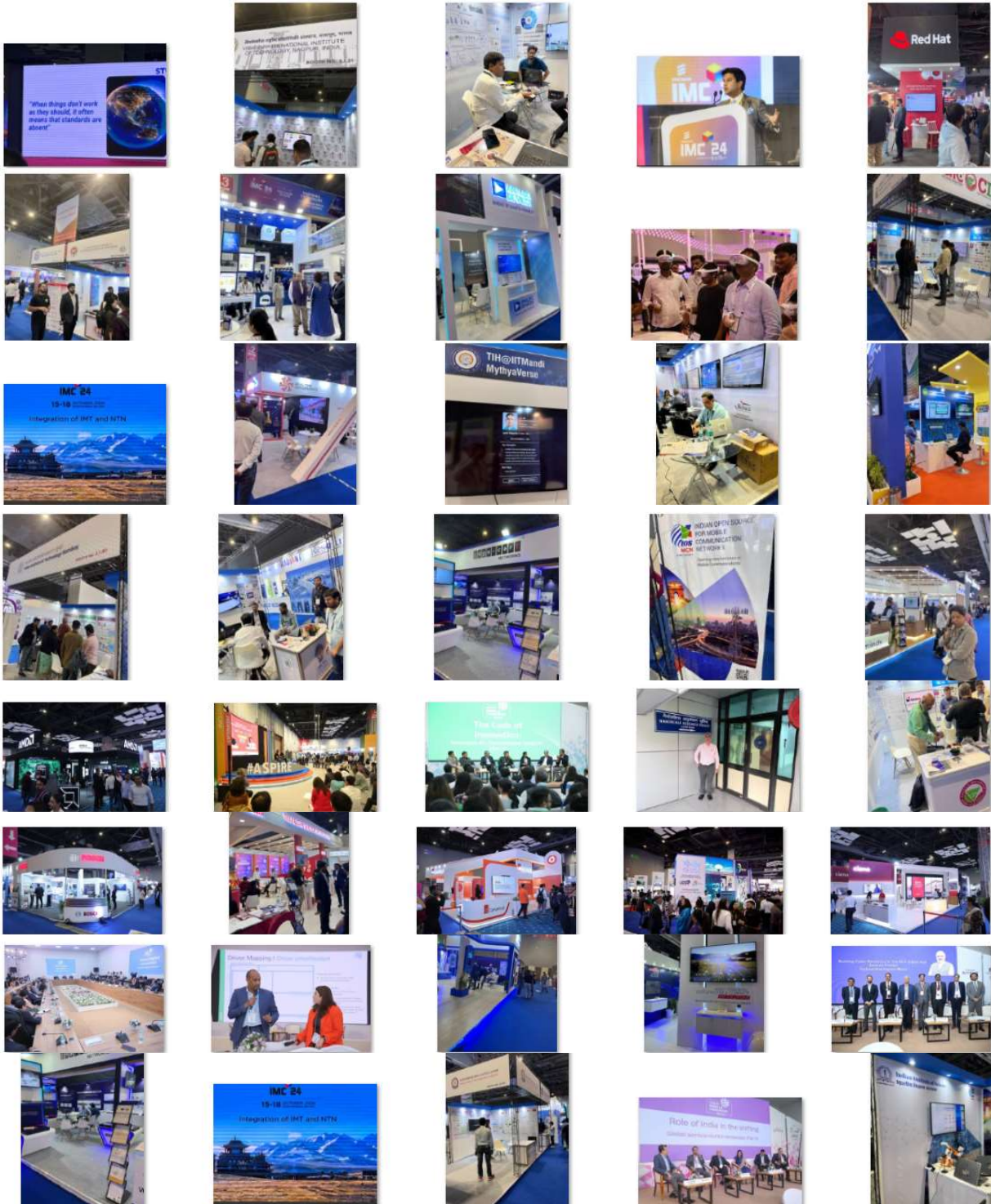
India Mobile Congress (IMC) 2024 successfully positioned India as a leader in the global digital ecosystem. The event fostered collaborations between telecom industries, startups, and governments, while also driving innovation in next-generation technologies. As a pivotal platform for global collaboration, IMC 2024 underscored India's ambitions to lead the way in digital transformation, technological innovation, and digital inclusivity.

Gallery





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I extend my sincere gratitude to the Honorable Vice-Chancellor, Prof. (Dr.) R.K. Sharma, for granting me the opportunity to attend this prestigious event on behalf of the Department of Electronics and Communication Engineering, Jaypee University of Information Technology, Wagnaghat, Solan, H.P., India.

Report submitted by

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