INDIA MOBILE CONGRESS 2023

GLOBAL DIGITAL INNOVATION

IMC 2023 Post Show Report

27-29 OCT 2023, Pragati Maidan

www.indiamobilecongress.com

“The Future is Here and Now”

Hon’ble Prime Minister
Shri Narendra Modi

INDIA MOBILE CONGRESS™ 2023

EMPOWERING INNOVATION AT IMC 2023

CONTENTS

Executive **Summary**

India Mobile Congress (IMC) 2023, the biggest Telecom, Media, and Technology forum in Asia, was held from **27th to 29th October 2023** and was organized by the Department of Telecommunications (DoT) and Cellular Operators Association of India (COAI) at New Delhi. The objective of the 7th edition of IMC-2023 was to allow the TMT industry and startups an opportunity to present their innovative products and solutions in view of the tremendous benefits and needs for innovation under the theme: **"Global Digital Innovation."**

Inaugurated by **Hon'ble Prime Minister, Shri Narendra Modi**, on Friday, 27th October 2023, at Bharat Mandapam, New Delhi, The India Mobile Congress 2023 was a landmark event that brought together industry leaders, policymakers, and tech enthusiasts to discuss the latest trends and innovations in the mobile and technology sector, which have the potential to contribute significantly towards India's GDP in the coming years through the advent of 5G and other emerging technologies. During the inauguration, the Prime Minister underscored the government's commitment to accelerating India's digital transformation and its vision for a technologically advanced nation. Prime Minister Modi also emphasized the importance of technological innovation in revolutionizing sectors such as healthcare, education, agriculture, and industry.

IMC 2023 was a one-of-its-kind technology event that attracted over **1.5 lakh attendees,** an increase of 55% from IMC 2022, comprising delegates from **67 countries**, over **400 start-ups** and **MSMEs, 90 plus investors,** and more than **500 speakers.** The event also included students from **28 institutes, government officials** from **17 ministries, and over 247 partners & exhibitors.** The event served as a testament to how India is championing technology, fostering international regional cooperation, inspiring inclusive & sustainable development, promoting entrepreneurship and innovation through startups, and driving foreign and local investments, among others.

Impact of IMC 2023

150K+
ATTENDEES
from
67 COUNTRIES

402
START-UPS

247
EXHIBITORS

40
ANGEL INVESTORS

50
VC FUNDS

250 1-2-1
INVESTOR MEETINGS

5
FUNDING COMMITMENTS

36K Sqm
EXHIBITION AREA

17
MINISTRIES

618
TECHNOLOGY
USE CASES

28
ACADEMIC INSTITUTIONS

513
SPEAKERS
in
86
SESSIONS

5.7K
MEDIA PUBLICATIONS

1137
MEDIA PERSONNEL

APP DOWNLOADS
11.6 K

924 Mn
SOCIAL MEDIA IMPRESSIONS

31.7 Mn
VIDEO VIEWS

34K
TWEETS

36K
CONNECTIONS FACILITATED ON THE APP

Inauguration

IMC 2023

India Mobile Congress 2023 was inaugurated by the **Hon'ble Prime Minister Shri Narendra Modi** on 27 October 2023, at Bharat Mandapam, New Delhi. It served as a pivotal event that brought together a diverse array of industry leaders, policymakers, and technology enthusiasts to debate, discuss, disseminate, and demonstrate the latest trends and innovations in the TMT sector.

Embracing the Hon'ble Prime Minister's vision to catapult India to the forefront of technology innovation, the event showcased digital transformation across various emerging technologies and paved the path to position us among the top **3 economies in the world**

The inauguration session was also graced by **Shri Ashwini Vaishnaw**, Hon'ble Minister for Communications, Electronics & Information Technology and Railways, Government of India, **Shri Devusinh Chauhan**, Hon'ble Minister of State for Communications, **Shri Neeraj Mittal,** Chairman, DCC & Secretary, Department of Telecommunications, along with other government dignitaries.

To represent the industry, the session was graced by **Mr. Akash M Ambani,** Chairman, Reliance Jio Infocomm Ltd (RJIL), **Mr. Sunil Bharti Mittal,** Chairman of Bharti Enterprises, **Mr. Kumar Mangalam Birla,** Chairman of Aditya Birla Group, along with other industry leaders.

“The world is watching India, adopting its technology, and recognizing it as a telecom tech leader. India is no longer just a consumer; it is now a developer, exporter, and leader in the telecom sector.”

Shri Ashwini Vaishnaw
Hon’ble Minister for Communications
Electronics & Information Technology and Railways,
Government of India

“We pledge to unify India through initiatives like GST, digital connectivity, and the Statue of Unity and create a "Digital Statue of Unity" - a virtual replica that will inspire and unite 1.4 billion Indians towards realizing India's dreams”.

Mr. Akash M Ambani
Chairman, Reliance Jio Infocomm Ltd (RJIL)

“With tools in the hands of the Indian citizens, India could progress by leaps and bounds. The digital infrastructure that India has built can accelerate innovation across the globe.”

Mr. Sunil Bharti Mittal,
Chairman, Bharti Enterprises

“India's digital ecosystem stands on the brink of unprecedented growth”

Mr. Kumar Mangalam Birla
Chairman, Aditya Birla Group

Jio showcased it's end-to-end 5G stack, hosting more than 50 million customers that is designed, developed, and, created in India.

Airtel showcased network decongestion and automatic service restoration engines that ensure a seamless experience for customers and fixes anomalies in real-time.

Vi displayed its smart agri-solution integrating IoT, which monitors agricultural parameters such as soil quality and moisture levels.

Hon'ble PM at Exhibition

Ericsson showcased 6G zero energy devices, which can capture, and display data recorded by the click of a button.

TCS displayed various 5G use cases such as real time smart farming using drones, public safety & vehicle to anything connectivity, intelligent port using semiconductors & software.

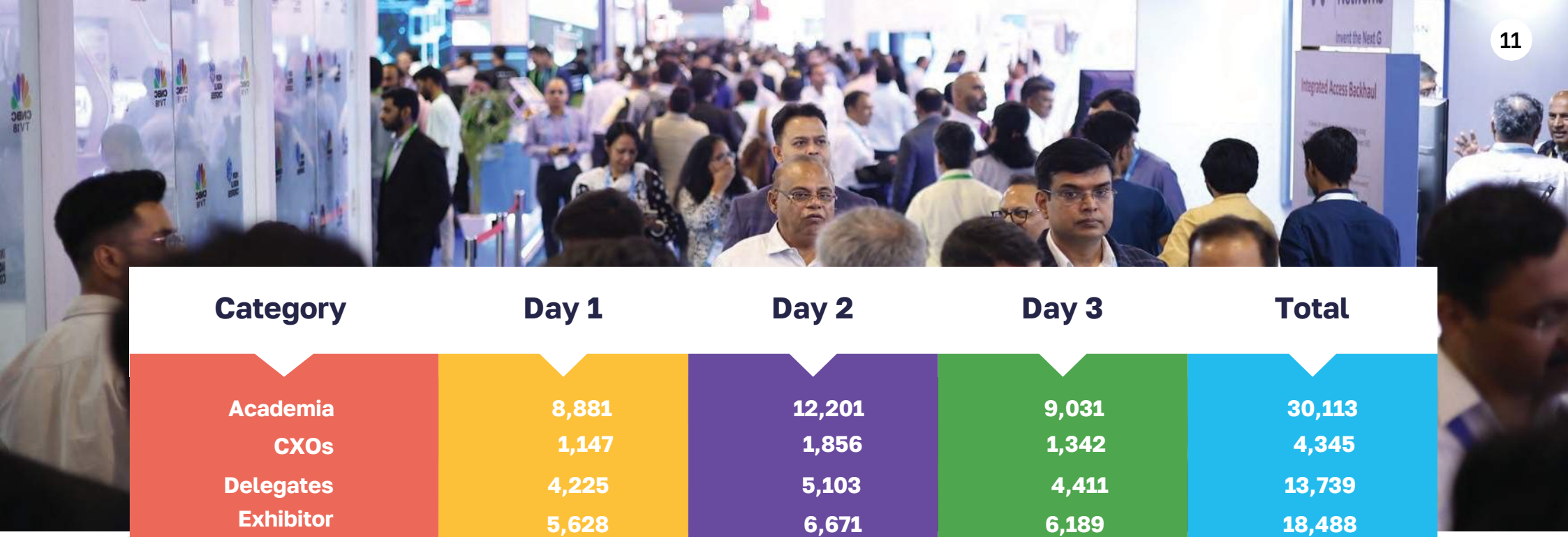
Hon'ble Prime Minister Narendra Modi dedicated 100 5G use case labs for nation building across India with the aim of encouraging students, professors, startups, and MSMEs to work on 5G technology.

Asia's Largest Technology Expo

IMC 2023 brought together **partners and exhibitors** from more than 67 countries and regions, offering leading industry players a unique platform to showcase their tech innovation and cutting-edge solutions across diverse sectors. The expansive portfolio of exhibitors included telecom operators and infrastructure providers, namely, Airtel, Jio, Vi, Ericsson, TCS, Tanla, HFCL, BSNL, Nokia, ISRO, Intel, Red Hat, Dell, and more. The event also showcased **618 unique technology use cases** from across industries.

#IMC2023

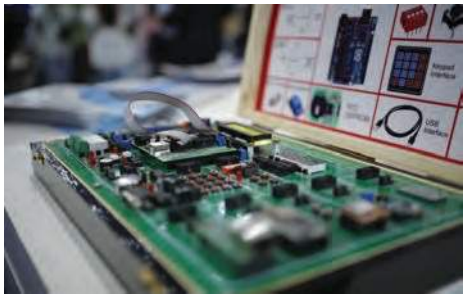
By exhibiting state-of-the-art technologies, IMC 2023 strives to catapult India to the forefront of technological advancement, igniting innovation in sectors such as healthcare, energy, agriculture, education, transportation, defence, and disaster management. It also extends its reach through N-GSO satellites to connect remote areas and technologies like Artificial Intelligence, cloud computing, cybersecurity, & robotics.



Category	Day 1	Day 2	Day 3	Total
Academia	8,881	12,201	9,031	30,113
CXOs	1,147	1,856	1,342	4,345
Delegates	4,225	5,103	4,411	13,739
Exhibitor	5,628	6,671	6,189	18,488
Government	3,940	4,311	4,132	12,383
Media	928	1,137	1,067	3,132
Visitor	21,363	29,974	21,815	73,152
Total	**46,112**	**61,253**	**47,987**	**1,55,352**

India Mobile Congress 2023, held across a sprawling **36,000 sqm,** was a monumental event that drew an impressive crowd. With over **1.5 lakh** attendees, the event welcomed a diverse range of participants, including **4,300+** senior industry decision makers, **13,000+** delegates from **67** countries. The event served as a global platform, showcasing the intersection of technology and innovation on a grand scale.

IMC 2023 Footfall



SEMICONDUCTORS

Empowering the Digital Future with Advanced Semiconductors

MANUFACTURING

Shaping India's Growth with Innovation

DRONES

From Skyward Aspirations to Groundbreaking Implementations

Expanding Tech Horizons at IMC 2023

GADGETS

Exploring Uncharted Technological Territories

SATCOM

Uniting Distances - The Era of Satellite Connectivity

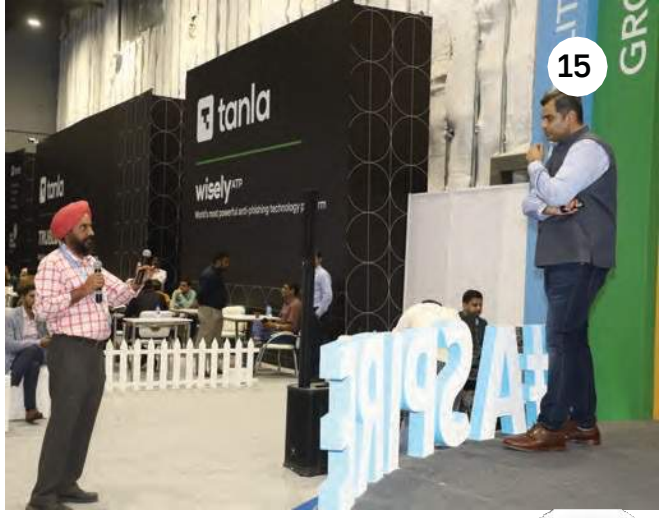
GREEN TECHNOLOGY

Accelerating Towards a Sustainable Future

Conference

At IMC 2023, an impressive lineup of over 500 thought leaders took the stage across **86 conference sessions, 20 keynotes, 5 roundtables,** and **61 panel discussions** offering their valuable insights on a wide array of engaging and impactful discourses, including the ever-evolving digital landscape of India, Semiconduc- tors, Satcom, 6G, 5G, Cloud & Edge Computing, Open API, Generative AI, Open RAN, Network Automation, Digital Inclusion, Cybersecurity, SDGs, and more.

IMC 2023 also hosted the 2nd International Workshop on 6G Standardization which gave an overview of the efforts towards 6G standardisation, how it willempower the digital economy and the industry and position India as a global leader in 6G Technology. The Innovation and Entrepreneurship for Sustainable Development Goals (SDGs) session hosted by ITU highlighted the impact of emerging technologies, and best practices to prepare our ecosystems to accelerate the achievement of the SDGs.



Aspire: Igniting the Future of Entrepreneurship

The Aspire startup program made waves at the IMC. The event was well attended and brought forth the potential inherent in India's start-up ecosystem, which is now being further enabled by 5G connectivity. **40 Angel Investors** had the opportunity to visit and interact with **402 start ups**. This initiative created a platform for valuable interactions and potential investments in promising startups. Additionally, an investor hub was created, with **50 VC funds** engaged in productive interactions with start ups, leading to **250 meaningful 1-2-1 meetings**. Some of the notable funds that participated in the Investor Zone included Anicut Capital, Cisco Launchpad, Faad Network Pvt. Ltd, lvyCap Ventures, SBI Funds, etc. Furthermore, IMC 2023 provided a unique platform for startups to generate fund ing at ASPIRE live pitches where Five startups, namely Wisedrive, Fambo, NAVAN, ParkMate, and Fudr, had the opportunity to pitch their ideas to **12 investors**, and each startup also received funding commitments from 12 Investors.

IMC 2023 AWARDS

India Mobile Congress 2023 held the IMC 2023 Awards, which are highly coveted accolades given to the best businesses, innovations, and institutions. With an eminent jury comprising technology experts & distinguished doyens from the industry, the Awards recognized the latest and the best of the TMT industry, with **24 awards** given across over **17 diverse** categories.

Category	Company	Position
Most Innovative 5G Use case deployed for the year	Techeagle Innovations Pvt Ltd.	Winner
	Medulance Healthcare Pvt Ltd.	Winner
	TechXR Innovations Pvt Ltd.	Runner- up
Best MSME in Telecom Ecosystem	Amantya Technologies Pvt Ltd.	Winner
Best Made in India Telecom Innovation	Tata Consultancy Services	Winner
Best Connected Consumer Device & Application	TechXR Innovations Pvt Ltd.	Winner
Sustainable Growth Award for organization in Telecom Ecosystem	Tata Communications Ltd.	Winner
Most Innovative Telecom Software	Capgemini Technology Services India Ltd.	Winner

Category	Company	Position
Best Enterprise Digital Transformation of the year	6D Technologies	Winner
	Dimension NXG Private Limited (AjnaLens)	Winner
Best Security, Privacy & Authentication Driven solution of the Year	Fortinet Inc.	Winner
Best Indian IPR of the year in Telecom	Tejas Networks Ltd.	Winner
	Tata Consultancy Services	Winner
	Advantal Technologies Pvt Ltd.	Winner
Biggest telecom technology exporter of the year	Nokia Solutions & Networks India Pvt Ltd.	Winner
Biggest Indian telecom technology exporter of the year	Sterlite Technologies Ltd. (STL)	Winner
Best Glocal (Local - Global) Startup of the year	EdgeQ	Winner
Best On-Campus Start Up of the year	Dreamaerospace Technologies Pvt Ltd.	Winner
Best Exhibit design of the year	Intel India	Winner
	STL	Winner
Best Interactive Exhibitor	Ericsson	Winner
Best education institute exhibit	IIT Hyderabad	Winner
	Delhi Technical University	Winner
Special Recognition	Athman Acrobatics Shoes	-

IMC 2023 AWARDS

PM: India will be 6G technology leader

At 7th Indian Mobile Congress, PM inaugurates 100 5G laboratories

STATESMAN NEWS SERVICE
NEW DELHI, 27 OCTOBER

Prime Minister Narendra Modi inaugurates the 7th edition of the India Mobile Congress, at Bharat Mandapam, Pragati Maidan, in New Delhi on Friday. ANI

Prime Minister Narendra Modi on Friday said India saw the fastest roll-out of 5G technology last year and that the country is now working on becoming a leader in 6G technology. "India is not only expanding the 5G network but also laying emphasis on becoming a leader in 6G," he said at his inaugural address at the 7th Edition of the India Mobile Congress 2023 here.

Underling the fast pace of technology, the Prime Minister said: "The future is here and now." He praised the exhibition for the occasion to provide glimpses of the future in telecom, technology, and connectivity.

Inaugurating 100 5G laboratories, strategically located in renowned engineering colleges across the country, Mr Modi talked about 6G, artificial intelligence (AI), cyber security, semiconductors, drone or space sectors, deep sea, and green tech.

"The future is going to be entirely different and it is a matter of happiness that leading the tech revolution," he said.

Praising the milestones achieved by the 5G technology, Mr Modi highlighted that of 5G rollout, 4 lakh 5G base stations were developed which cover more than 97 per cent of cities and 80 per cent of the popula-

Tech-ing Stock

The India Mobile Congress 2023 saw large telcos and big companies, along with emerging startups, vie for attention with their innovations. ET's **Subhrojit Mallick** took a walk across the floor, exploring all that the showcase had to offer and came away impressed at what the future has in store

Media Coverage

IMC 2023 garnered extensive media coverage, accounting for a total of **5787** publications. The event witnessed the presence of **1300+ media personnel** and was featured across **168 electronic channels, 1,800 article publications,** and **2,337 social media online posts.** Additionally, **1,482 articles** about the event were published in global media in **64 countries.**

इंडिया मोबाइल कांग्रेस - 2023

पिछले दिनों दिल्ली में आयोजित इंडिया मोबाइल कांग्रेस (आइएमसी)-2023 'ग्लोबल डिजिटल इनोवेशन' थीम के साथ संपन्न हुआ। इसमें विभिन्न क्षेत्रों में कई अनोखे तकनीकी नवाचारों को प्रदर्शित किया गया। आइएमसी में प्रदर्शित कुछ विशेष तकनीकों के फीचर के बारे में बता रहे हैं ब्रह्मानंद मिश्र...

नई राह बनाते तकनीकी नवाचार

सेटेलाइट ब्रॉडबैंड की शुरुआत

भविष्य की कंप्यूटिंग को अभेद्य बना रहा इसरो

काइ ओएस आधारित जियो प्राइमा

एआइ से नेटवर्क में सुधार

घर पर ही करें स्वास्थ्य की देखभाल

5जी पावर्ड वाइ-फाइ सोल्यूशन

Digital Transformation by

Government Establishments

The event brought to the fore **17 government and public sector units** like RailTel, PowerGrid, Ministry of Heavy Industries, and Ministry of Railways, among others. These organizations highlighted the application of technology and telecom across various use cases, and these emerging technologies can be leveraged to enhance the socio-economic position of the nation.

Academic Institutes:

A Seed Bed to Emerging Technologies

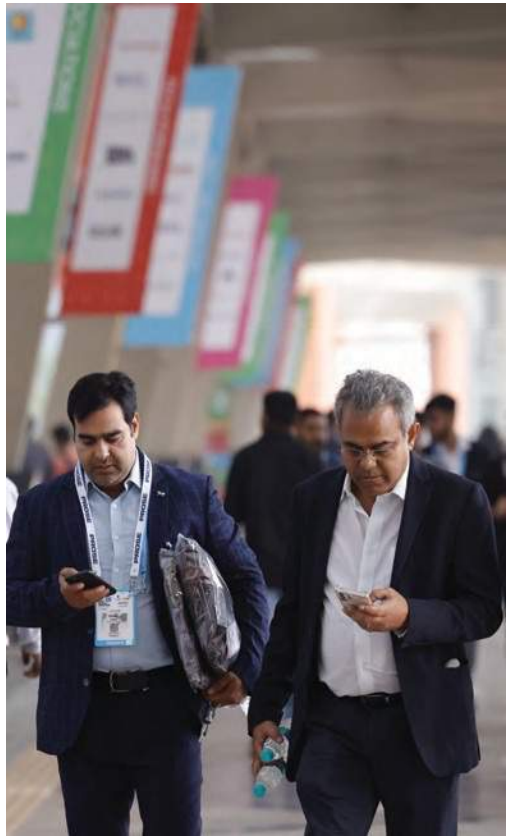
IMC also witnessed robust participation from **28 premier educational institutes** such as IIT Delhi, IIT Roorkee, IIT Jodhpur, IIT (ISM) Dhanbad, BITS Pilani, NIT Tiruchirapalli, VIT and regional universities, etc. The exhibits from these institutes were a testament to the high level of research and innovation in Indian institutes and the ever-evolving potential of the young generation in the technology space.

Key Highlights of IMC 2023

1 Hon'ble Prime Minister Shri Narendra Modi launched 100 5G Use case labs across various educational institutions in India, emphasizing the implementation of 5G technology

2 Reliance Jio demonstrated its fully designed, developed, and manufactured 5G indigenous stack along with Jio Air Fiber, which will provide very high-speed broadband facilities equivalent to an optical fiber system through wireless in the end link.

3 Airtel Oneweb, in partnership with ISRO, launched 27 satellites aboard two rockets. The satellite control system is designed to meet the world's most stringent security standards and requirements.



4 Vi showcased various futuristic solutions such as Vi C-DOT IoT Lab, which is India's sole IoT devices interoperability certification lab; Ready for Next (RFN), a tool for MSME to evaluate their digital maturity, Cloud gaming, VR Learning and Gaming, and Smart home solutions enabled by Vi AirFiber.

5 Ericsson displayed its partnership with HBL for Kavach technology in Indian Railways (Vande Bharat).

Key Highlights of **IMC 2023**

6 TCS demonstrated a live demo of 5G Network Products and Solutions that include TCS 5G SA Core, Mobile Edge Computing, and 5G RAN.

7 HFCL displayed a comprehensive portfolio of next-gen technologies, including 5G FWA CPE, IP/MPLS Routers, 2Gbps UBR along with UcNMS, & 1728-high fiber IBR Cable with an aim to play a crucial role in deploying high-speed broadband networks & offers last-mile connectivity across India & its key global markets.

8 Nokia introduced Real-time eXtended Reality Multimedia (RXRM) software that offers 360-degree video and audio capturing, the SteadEband, a stabilized antenna that extends E-band link distance by up to 50 percent and prevents issues like tower vibrations

9 IMC's flagship startup program, Aspire, drew over 400 startups from various industries and 90+ investors to catalyze fresh entrepreneurial initiatives and collaborations.

10 To discuss the next stage of wireless technology, 6G, the International Workshop on 6G Standardization brought together experts, industry leaders, & policymakers.

11 India's semiconductor industry was a major focus area of the IMC 2023, urging 'Design in India' and 'Make in India' strategies.

KEY TECHNOLOGY USE CASES

INDIA MOBILE CONGRESS 2023

Technology

USE CASES - AIRTEL

AI powered self-optimizing network Crucial in high traffic situations for network optimization, predictive maintenance, remote recovery etc.

Reimagining home internet Superfast Wi-Fi with Xstream AirFiber

Reimagining satellite communication space- based connectivity to change the world

Digitizing India's Retail landscape with Airtel's next-gen SD-WAN

Enabling better quality control in factories with Airtel 5G Plus low latency and high bandwidth capabilities

Enabling digitization anywhere with smart edge compute platform with prebuilt device connector, AI/ML for data processing etc.

Reimagining broadcasting Empowering media and communication with network slicing

Smart farming and Smart Healthcare powered by Airtel high speed 5G Connectivity

Redefining traffic management for seamless movement powered by Airtel 5G Plus with AWS

Critical communication using Airtel Private 5G portable, **All in One communication solution for critical Scenario**

Making mining safer and more efficient using unparallel access to a dedicated connection

Simplifying device complexities and increasing efficiency using 5G RAN

Building Intelligent digital infrastructure, the sustainable way with Airtel's Data Centers

Reimaging IoT with Airtel's IoT solutions that are designed to help companies accelerate automation, boost productivity and enhance efficiency

Airtel IoT and 5G Plus are reimagining connected vehicles by supporting OEMs to build analytics using real time patterns and

Unlocking saving with energy management using Airtel's future ready solutions

Powering the EV revolution using Airtel's IoT powered battery management solution

Transforming customer engagement with Omni-Channel messaging using Airtel IQ

Reimaging cloud with Airtel CDN Platfrom

Reimaging cyber security and building resilience with secure intelligent centre

Reimaging home security with smart surveillance system and end-to-end encrypted cloud storage

***This list is non exhaustive**

Technology
USE CASES - RELIANCE JIO

Jio AirFiber offers high speed internet, enhanced entertainment, smart home solutions with enhanced security for a comprehensive digital solution, aimed at connecting 100 Mn homes.

JioBharat platform optimizes the capabilities of the device and network to give an internet experience to 250 million 2G Phone Users in India through affordable digital connectivity

JioSpaceFiber has the capability to transform remote communities and Enterprises, ushering ni a new era of possibilities.

Bridging the skill gap with AI: The achievement of this capability is the result of the integration of a real-time language translation module with Jio's own collaboration platform- Jio Meet.

Emergency response: Jio aims to transform healthcare with a loT-based mobile clinic, integrating Edge Al and 5G for on-the-go critical assistance and streamlined medical care.

Telepathology for cervical cancer screening: Jio and Reliance Medlab are making cervical cancer screening accessible, affordable and smarter by leveraging new age technologies viz.

Immersive healthcare: JioGlass brings to you the future of medical education. Revolutionizing healthcare training through the use of 3D models in immersive tech, experienced on Jio True5G.

JioKrishi platform, powered by Jio True5G, enhances agricultural efficiency and dairy production.

Jio Milk Volumizer enables continuous milk quality monitoring at farm and cattle levels, ensuring that only the highest quality milk is processed, thereby enhancing the market value of the dairy farm.

With JioGauSamriddhi app, dairy farmers gain real-time health status of cattle.

Jio demonstrated modernized, no-legacy, Digital First, data &Al-driven platform and infrastructure solutions to transform enterprises through its e2e managed packaged services, including **Managed Digital Solutions, Managed Home Office, Managed Security, Managed Warehouse, Managed Mobility SASE**

Jio is building an **Al-powered platform** that will empower businesses of all sizes with Al capabilities, harnessing the strength of Jio's cloud compute and high-speed network.

Jio's cloud infrastructure powering the future (CloudXP, Digital Connexion)

Jio's Private 5G-In-A-Box seeks to enable Enterprises/Organizations (Govt & Private) seeking dedicated, secure bandwidth with high throughput, low latency networks.
Jio demonstrated multiple Industry 4.0 solutions, including Remote operations, AR powered skill development, Digital twin, Performance insights.

Revolutionizing the connected vehicle experience Jio Unified, Mobility platform, Jio Auto App Suite (JAAS), logistics & location Intelligence, JioXplore

Smart Home solutions, JioTV, 360 content viewing, Security, Wi-fi, Jio AirFiber, Smart TV

JioDive, JioGlass, JioImmerse, 360 Live Streaming

***This list is non exhaustive**

Technology

USE CASES - Vi

Vi C-DOT IoT Lab: IoT Lab tests a wide spectrum of ecosystem components ranging from devices, modules, SIMs, applications, firmware, and more.

Center of Innovation: The Center of innovation enables IoT solution providers to build oneM2M compliant solutions that are future-ready and interoperable.

Smart Connectivity Test Beds: Vi IoT Connectivity Test beds offer 5G, NB, and 4G test beds for quick POCs, along with consultation from Vi Subject Matter experts to help them decide which technology they should work with.

Vi Business Sanchaar Shakti: IoT Sanchaar Shakti is an end-to-end solution that includes solutions like transport management, advanced fleet management, port management, warehouse management, etc.

Unlock MSME's Growth Potential: Helps businesses grow by adopting the right digital solutions. The Business ReadyForNext assessment tool helps evaluate the digital maturity of MSMEs.

ReadyForNext Solutions – CpaaS: Enhanced CXX by automating business processes like lead management, order booking, payment collections, customer appointments, service reminders, etc

ReadyForNext Solutions - Colocation & Cloud: Enables customers to homogenize the vendor ecosystem, get synergy among the different IT requirements & also optimize their cost

Vi Hybrid SD-WAN: The Hybrid SDWAN solution is designed to address the unique networking needs of modern enterprises.

Private Network: Private 5G in a box kit can help customers experience 5G-SA with the industry's proven 5G-SA core platform

Vi AirFiber: Vi Air Fiber brings internet at home via radio spectrum to provide wireless broadband connectivity where one can experience consistent and high-speed 5G across all devices.

Vi Games Cloud Play: A cloud gaming use-case that enables direct and on-demand streaming of games on mobile phones.

VR Games: VR Game of Cricket provides a fully immersive experience that transports the user to a cricket stadium.

VR Game of Combat provides a fully immersive experience that transports the user to a virtual battleground.

XR EduTech: This use case showcases how VR/XR technology can transform the way educational content can be consumed in the future.

Jaadu Ginni Ka program aims to make millions of Indians financially literate.

Smart Agri: Converts real-time data analyzed by experts into text and video advisories in regional languages and shares them amongst the farmers.

Gurushala: It offers opportunities for self-paced learning, access to digital resources, the ability to connect and learn from each other, and the recognition of initiatives taken by educators in their classrooms.

***This list is non exhaustive**

Technology
USE CASES - ERICSSON

Start-up 5G: An ecosystem approach: explores how selected tech enablers will help service providers clearly experience & visualize 5G monetization opportunities

4D REPLAY: 4D REPLAY brings multi-angle video experience to live events by capturing 4-dimensional time-slice highlights.

Kavach highlights the significant improvement in Movement Authority updates achieved with Ericsson LTE radio equipment.

Bridging the digital divide with FWA: Fixed wireless access (FWA) is poised to play a significant role in bridging the digital divide by providing reliable and high-speed internet connectivity to underserved areas.

Real-life digital twin shows the simultaneous integration of a cyber-physical system realized by 5G.

Advanced Intelligent Transport Safety solutions by Ericsson utilizes the output from the Gemini System, part of in-house incubator Ericsson ONE.

Guardhat's Connected Miners platform aims to improve lives and create a safe and productive environment for the mine workers.

Ericsson Private 5G offers industrial enterprises the security, reliability, and performance they need to drive efficiency.

Photo-realistic holograms: Ericsson's low latency metaverse-ready networks bring high fidelity VR environments & realistic human representations, distributed on Ericsson Flow, a unified platform for hosting and streaming immersive experience-through cloud streaming.

6G devices 'Zero Energy devices will work in combination with artificial intelligence & machine learning to make the world smarter and more efficient.

Connected Mangroves: This initiative bolsters coastal communities against climate risks through technology-driven, community-centric, ecosystem-based strategies.

Ericsson's sustainability demo gives a deep dive into the topics of net zero, energy performance, decarbonization, and digital inclusion

AI-powered RAN energy optimization: This project, driven by Ericsson and Singtel, harnessed AI in Cell Sleep Mode.

Site energy management will empower cognitive energy management using AI and ML

Ericsson Radio System (ERS) portfolio's shows unique energy efficiency portfolio solutions to reduce overall energy

Energy Efficient RAN: Ericsson's radio access network (RAN) and 5G Transport portfolios cover energy-efficient ultralight remote radios, ultra-wideband Massive MIMO radios, high-capacity transport solutions, and software for boosted performance and energy efficiency.

Energy Efficient Core: Ensures the energy efficiency of mobile communications services by reducing the total cost of ownership and carbon footprints.

Cognitive networks – an intent-driven approach shows how different Intents which has possible conflicting requirements

Monetize network APIs: Unlock the full potential of network investments by exposing advanced 5G functionality through standardized APIs to app developers.

Network slicing orchestration showcased how service providers can successfully manage various bandwidth, throughput, and latency requirements across both private and public networks.

5G monetization: Ericsson Business and Operations Support Systems can help customers realize the full business potential of network evolution.

***This list is non exhaustive**

Technology
USE CASES - TCS

- Digital Insights Application
- Fiber Rollout as a Service
- Cognitive Network Operations Platform
- Network Test and Automation
- Self Organizing Networks
- 5G Holographic Communication
- Future of Mobility with C-V2X
- 5G-enabled Autonomous Drone
- Extended Reality for Connected X.0
- Connected Industries
- Intelligent Port Operations

*This list is non exhaustive

Technology
USE CASES - HFCL

- 2Gbps Unlicensed Band Radio
- Unified Cloud Management System
- 1728F IBR Cable
- 5G Fixed Wireless Access CPE
- IP/MPLS Routers
- 5G Outdoor FWA CPE
- 5G Indoor FWA CPE
- Cabinets for FTTH Applications
- Optical Fiber & Optical Fiber Cables
- 2 Gbps Unlicensed Band Radio with Integrated Dish Antenna 300 Mbps UBR CPE Integrated Antenna
- Wi-Fi 6 Wall Plate Access Point and 8 Port Commercial Access Switch

Technology
USE CASES - INTEL

Private 5G in a Box

1 Tbps+ on 5G Core UPF with 4th Gen Intel® Xeon® Scalable process-

ORAN O-RU Enablement on Intel Agilex® 7 FPGA

4G and 5G , Make in India ORAN products powered by Intel®

Sustainable edge with Liquid Immersion Cooling

Energy Efficient Cloud RAN Solutions

Sustainable 5G Core with Intel® Infrastructure Power Manager

Monetizing 5G With Intel®'s Converged Edge Media Platform

Edge AI as a service

Clickhouse Network AI

*This list is non exhaustive

Technology
USE CASES - MEDIATEK

MediaTek Dimensity Auto

3GPP standards-based 5G Non-Terrestrial

MediaTek Dimensity flagship 5G family

Smart Devices

Wi-Fi 6/7 Enabled Solutions

Technology
USE CASES - NOKIA

6G sensing demo

Network on the moon

Unlock 5G revenue with ecosystems

Smart & Safe Railway Networks (NCRTC)

Nokia One platform for industrial digitalization

Next Gen Zero footprint energy solution

NI Wall

Partners 2023

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Enabled By Partner

Foundation Partners

India Connect Partner

Platinum Theme Partners

Social Media Partner

Enterprise Reinvention Partner

Technology Partner

Registration Partner

Gold Partners

Conference Partner

Award Partner

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Cybersecurity Partners

Hybrid Cloud & Automation Partner

Silver Partners

Silver Partners

Silver Partners

GIS Partner

Innovation Partner

Session Partners

Session Partners

Knowledge Partner

Academic Partner

Skilling Partner

6G Partner

Digital Infrastructure Partner

Electronics Manufacturing Partner

ESDM Partner

Investment Partner

Wi-Fi Partner

Bharat Pavilion Partner

Banking Partner

Communications Partner

Research Partner

Digital Inclusion Partner

Digital Marketing Partner

Event Partner

Hospitality Partner

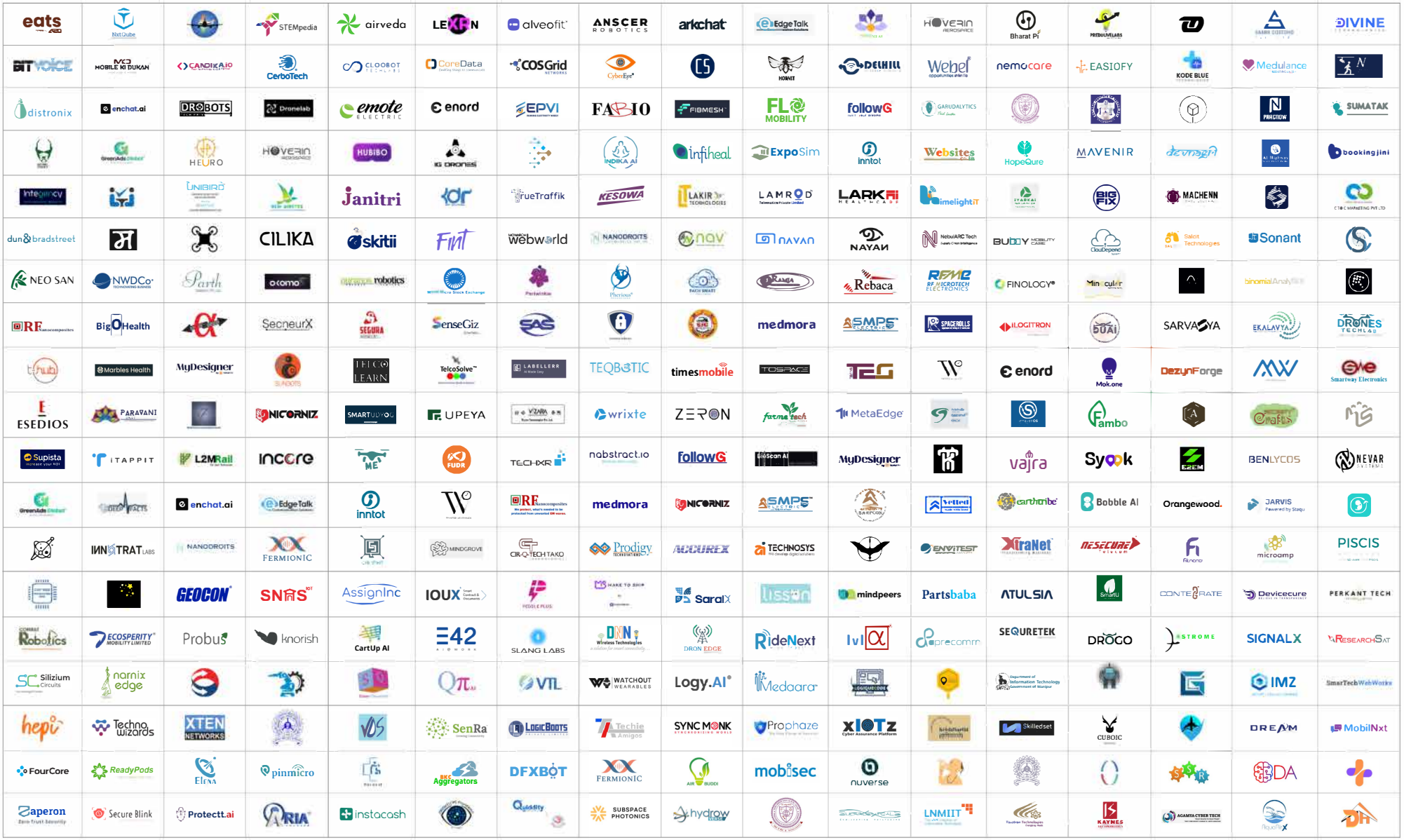
Experiential Marketing Partner

Event Tech Partner

Content Partner

Exhibitors 2023

Startups 2023



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Ministry of Communications
Government of India

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COAI

COAI was constituted in 1995 as a registered, non-governmental society. The Association is dedicated to the advancement of modern communication through the establishment of world-class mobile infrastructure, products and services and delivering the benefits of innovative and affordable mobile communication services to the people of India.

For further information on COAI, visit www.coai.com

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