Bharat6G Alliance

Apex Council Meeting and Review of Bharat 6G Alliance

Outcome Report

9th, December 2025

Outcome Report

Apex Council under the Bharat 6G Mission and Review of Bharat 6G Alliance

The Hon'ble Minister of Communications, **Shri Jyotiraditya M. Scindia** chaired the meeting of the **Apex Council under the Bharat 6G Mission and Review of Bharat 6G Alliance on** 09 December 2025. The Apex Council comprises senior representatives from multiple Ministries, including MeitY, MIB, Space, DRDO, and NSCS, as well as representatives from academia, R&D institutions, standards bodies, industry, and Telecom Service Providers. The composition of Apex Council under the Bharat 6G Mission is given at **Annexure 1**. The agenda for this meeting is given at **Annexure 2**.

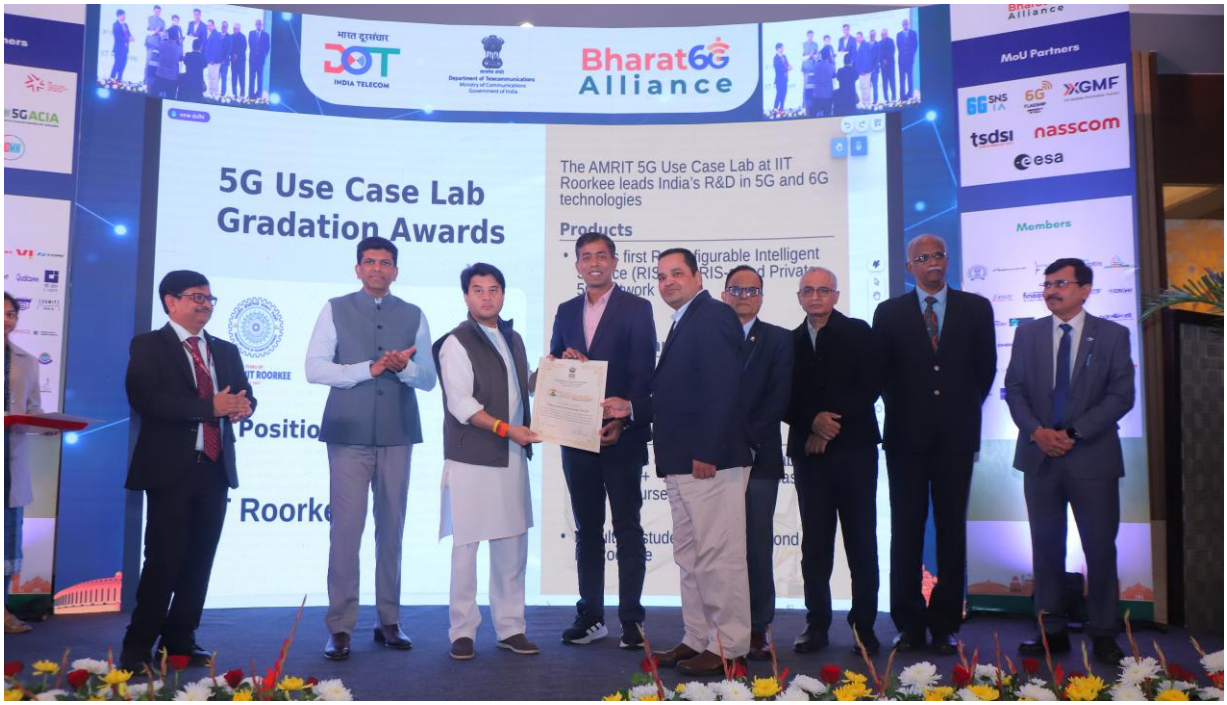
Mr. Ashok Kumar, Deputy Director General (Standard-Research- Innovation (SRI)) welcomed the Hon'ble Minister of Communications, Hon'ble Minister of State for Communications and all Apex Council members and presented a brief overview of India's 6G journey, highlighting the progress achieved under the Bharat 6G Mission, global engagement, and strengthening of the 6G R&D ecosystem.

The Hon'ble Minister of Communications, Hon'ble Minister of State for Communications, and other dignitaries unveiled three publications "The 5G Use Case Lab: From Infrastructure to Innovation"; "5G Lab Book – Edition 1: Experiments in 5G Core, 5G NR & Use Cases" and "5G Hackathon Book" developed under the 100 5G Labs initiative, capturing India's progress in 5G research, experimentation, and innovation. Subsequently, four top-performing institutions under the 5G Use Case Labs were also felicitated in the "Excellent Category" for their outstanding contributions which includes Punjab Engineering College, Banasthali Vidyapith, IIT Roorkee (AMRIT), and Thapar University recognizing their leadership in developing impactful prototypes, advanced 5G systems, and deep-tech innovations.


Bharat6G Alliance
5G INNOVATION HACKATHON 2025
5G Innovation Hackathon Book
• Documents the nationwide innovation challenge conducted through 100 5G Use Case Labs
MoU Partners
Members


Bharat6G Alliance
5G LAB BOOK
5G Lab Book – Edition 1:
[Experiments in 5G Core, 5G New Radio & Use Cases]
MoU Partners
Members


5G Use Case Lab
Gradation Awards
Products
Real-world 5G use-case prototypes across mobility, agriculture, healthcare, security, education & automation.
tsdsi
nasscom
esa
Members


DOT
INDIA TELECOM
Bharat6G
Alliance
5G Use Case Lab
Gradation Awards
The AMRIT 5G Use Case Lab at IIT Roorkee leads India's R&D in 5G and 6G technologies
Products
MoU Partners
tsdsi
nasscom
esa
Members


G Use Case Lab
radation Awards
Products
MEC-enabled Microclimate Fault
Analytics for Smart Mining


Bharat6G Alliance
MoU Partners
Members
5G Use Case Lab
Gradation Awards
Driving innovation in agriculture,
healthcare, and security applications
Products

The Chairman, B6GA, Prof. David Koilpillai presented the "***National 6G Roadmap and DPR briefing"***, outlining the Alliance's major activities, past events, and ongoing collaborations with global partners through active MoUs. The presentation highlighted the planned timeline for 6G development, including India's contributions to IMT-2030 technical proposals, progress in 6G RAN studies, and B6GA's strategic role in shaping the national 6G ecosystem. Key elements shared included a phased approach to 6G, priority technology focus areas, an overview of the current India 6G landscape, and an assessment of India's IPR position, providing a comprehensive view of the country's preparedness for future 6G advancements.

Following this, the **Vice Chairman, B6GA, Prof. Rohit Budhiraja**, delivered a presentation on the "***Strategy for 6G Leadership***," outlining India's journey from Atmanirbhar Bharat in 4G—marked by the successful turnaround of BSNL—to the development of Bharat 5G Radio and Baseband. He highlighted existing gaps in achieving full self-reliance in 5G and emphasized the need to bridge these gaps as India advances toward Atmanirbhar Bharat in 6G. Key strategic priorities included developing indigenous 6G transmitters and receivers, building 5G/6G components and subsystems, establishing pre-standard 6G testbeds, strengthening 6G technology identification frameworks, and significantly enhancing India's participation in global standards bodies.

Working Group Presentation

The Working Group Chair and Vice Chairs of Bharat 6g Alliance presented the progress of their Working Group, highlighting key activities and developments. Summary of Working Group Presentation given in **Annexure 3**. The List of Bharat 6G Alliance Chair and Vice Chairs is given in **Annexure 4.**

i. Technology WG

The **Vice-Chairman, B6GA, Dr. Kumar Sivarajan**, delivered a detailed presentation on the activities of the Technology Working Group, covering ongoing technical initiatives, standards contributions, and India's updates within the ITU. He also provided an overview of recent 3GPP developments, including progress on 6G product concepts, system hardware, and emerging feature sets. The presentation concluded with a consolidated summary of key requests from the Government, aligning national priorities with the evolving global 6G landscape.

Subsequently, the Working Groups (WGs) of B6GA presented their progress and recommendations for advancing 6G technology **(Annexure 2)**. However, the Green & Sustainability Working Group could not present due to a technical glitch however, its ongoing work and proposed directions have been consolidated separately.

ii. **Spectrum WG**

The Spectrum Working Group presented an overview of its key activities and progress, including the launch of the India 6G Spectrum Roadmap at IMC 2025 and the subsequent release of an updated version. The presentation highlighted India's active global engagement with international stakeholders such as Finland, GSMA, the EU SNS initiative, and UKI-FNI, alongside ongoing technical studies focused on the 7/8 GHz mid-band to enable global harmonization for 6G. The Working Group identified a clear pathway for spectrum availability, recommending 200 MHz of mid-band spectrum per operator to support 5G Advanced and future 6G deployments. It also covered consultations on 5G–6G coexistence, the 526–582 MHz band, and migration strategies for incumbent users. Additionally, the Working Group emphasized the need for prototyping and field experimentation in the 7/8 GHz band beginning in Q4 2025 and concluded with an update on preparations for India's final spectrum position for WRC-27, ensuring alignment between national spectrum objectives and the evolving global 6G framework.

iii. Devices, Sensors & Manufacturing Ecosystem WG

The Devices, Sensors and Manufacturing Ecosystem Working Group presented an overview of its activities with a focus on strengthening high Indian value-add products, particularly POS machines and CCTV/AI vision cameras. The presentation highlighted progress in indigenous hardware and intellectual property development across key technology areas, including processors, RF transceivers, modems, sensors, and system-on-chip platforms. Recommendations under the TTDF call for proposals were discussed, covering reference designs for POS and CCTV systems, RF components for 6G New Radio in the 6.4–7.2 GHz band, and future-ready RF modules. The Working Group also highlighted key challenges impacting domestic manufacturing, including below-cost imports, and emphasized the need for PLI-type support mechanisms, robust certification frameworks, and coordinated market orchestration to enable a sustainable and competitive manufacturing ecosystem.

iv. Applications WG

The Applications Working Group presented an overview of its activities focused on mapping the evolution from 5G to 6G across key capability areas, including immersive communications, high-reliability and low-latency communications, massive connectivity, integrated sensing and communications, integrated access and computing, and ubiquitous connectivity. The presentation emphasized applications enabled by AI-native communications, advanced sensing, and ultra-low-latency performance. It also outlined critical requirements for effective implementation, including dedicated domain experts within the Secretariat, access to advanced test-beds, stronger integration with industry verticals, and comprehensive legal and intellectual property support. The Working Group concluded by highlighting emerging application domains aligned with the ITU IMT-2030 vision, ensuring coherence between national application development priorities and the global 6G roadmap.

v. Use Cases & Revenue Streams WG

The Use Cases and Revenue Streams Working Group presented an overview of its activities, identifying priority 6G use cases such as digital twins, extended reality integrated with generative AI, non-terrestrial and terrestrial network convergence, immersive healthcare, disaster management, intelligent transport systems, and immersive learning. The presentation highlighted efforts to consolidate learnings from existing 5G deployments to inform future 6G use-case development. It also outlined the initiation of a multi-stakeholder council to support ecosystem alignment across industry, academia, and government. The Working Group presented a structured Gantt-based roadmap spanning eight quarters, covering activities such as hackathons, test-bed development, use-case validation, standards-aligned test-beds, and pilot deployments, with a projected implementation timeline extending from 2028 to 2030.

vi. Outreach WG

The Outreach Working Group presented an overview of its activities, highlighting significant growth in membership from 6 to 84 organizations. The presentation outlined the establishment of 13 international memoranda of understanding with major global 6G alliances, strengthening international collaboration. It also covered the organization of multiple engagement activities, including six technical talks, four bilateral meetings, and two joint workshops with partners from Korea and the European Union. The Working Group concluded by highlighting its coordination of the global New Delhi Declaration on "Secure, Open, Resilient, Inclusive and Sustainable 6G by Design," reinforcing India's leadership and commitment within the global 6G ecosystem.

After detailed presentation, Hon'ble Minister of Communications, Shri **Jyotiraditya M. Scindia** appreciated the efforts of B6GA and invited other dignitaries to comment and share their view:

Address by Hon'ble Minister of State for Communications (MoSC), Dr. Pemmasani Chandrasekhar

The **Hon'ble Minister of State for Communications, Dr. Pemmasani Chandrasekhar** appreciated the significant progress made under the Bharat 6G Alliance and noted that the release of multiple technical reports and whitepapers signals India's transition from a technology implementer to a technology creator. He highlighted India's strengthening global position, supported by strategic partnerships with major 6G alliances across the USA, EU, Korea, Brazil, Japan and others, as well as India's growing role in standard-essential patent discussions. He emphasised that India's large population, expanding domestic market, strong capital base, and world-class talent provide a unique strategic opportunity that must be fully leveraged. The Minister also stressed the need for proactive talent development, clear role allocation, and early engagement of key sectors such as Defence, while reiterating that funding is not a constraint provided that quarterly milestone-based progress is consistently demonstrated.

Address by Principal Scientific Adviser (PSA), Prof. Ajay Sood

The **Principal Scientific Adviser to the Government of India, Prof. Ajay Sood** emphasised that India's current scale of R&D may not be sufficient to achieve global leadership in 6G and called for a mission-mode programme with clearly measurable deliverables over the next five years. He highlighted the need to integrate AI, cybersecurity-by-design, and quantum-secure communication into India's 6G roadmap. The PSA stressed leveraging the ₹1 lakh crore RDI Fund and other mechanisms such as TTDF and ANRF to support technologies from TRL-4 to TRL-9, with stronger private-sector participation. He underlined that India must prioritise deployable, standardisation-ready technologies to strengthen its international 6G position.

Address by Secretary (Telecom), Dr. Neeraj Mittal

The **Secretary (Telecom), Dr. Neeraj Mittal** highlighted India's strategic achievement in securing "Ubiquitous Connectivity" within the IMT-2030 framework, noting that it reflects the country's growing capability to shape global network requirements. He emphasised the need to leverage such strengths to build sustained technological leadership in the 6G era. He further underscored that realising India's ambitions will require a strong Whole-of-Government Approach, ensuring coordinated action across Ministries, R&D institutions, funding bodies, academia, and industry. The Secretary recommended formalising a mission-mode strategy for 6G with clearly defined national objectives, timelines, inter-agency responsibilities, measurable deliverables, and robust monitoring mechanisms, to ensure timely development of indigenous 6G technologies, standards, and products aligned with global timelines.

Interactions of Hon'ble Minister of Communications with members

Industry experts highlighted key challenges affecting India's global 6G participation, including diminishing IPR leverage due to expiring patents, limited access to international standardization forums for startups and academia because of high participation costs, and funding gaps in both early-stage R&D and the scaling of prototypes into standard-ready solutions.

Key suggestions from industry expert are summarised below:

- Conduct regular, data-driven reviews of India's progress in standards contributions and patent generation, including tracking India's position among top global IPR contributors for IMT-2030.
- Identify and empower industry champions to drive end-to-end commercialisation of 5G Advanced and 6G networks by 2028 across RAN, core, devices, silicon, RF, and NTN.
- Launch a focused **"2028 Commercial Network Realisation Mission"** to enable structured transition from prototypes to market-ready deployments.
- Promote development of **indigenous technologies in sensors and IoT domains**, even when they do not strictly follow the 3GPP timelines, to ensure domestic innovation leadership and early market creation.
- **Faster funding cycles** to protect intellectual property and enable global participation.

He directed B6GA to provide quarterly progress reports with clear, measurable milestones and next-quarter goals. The directions given by HMoC to each working group to be reviewed in the next quarterly meeting are stated below:

Hon'ble Minister of Communications (MoC) Directions for Working Group

- **Technology Working Group:** India should aim to shape global standards, develop Indian-led specifications, and elevate the national standards strategy to influence international frameworks.
- **Spectrum Working Group:** India's spectrum decisions can shape global trends. The group should align the spectrum roadmap with international harmonisation and long-term ecosystem development.
- **Devices & Components Working Group:** A detailed analysis of raw materials, supply-chain gaps, and cost barriers is essential. Economists should model value chains and strategies to enable standardized, mass-manufacturable, cost-competitive devices.
- **Applications Working Group:** Collaborative models involving industry, academia, and end-users from early stages are crucial for developing globally relevant applications.
- **Use Cases & Revenue Streams Working Group:** Focus on India-specific use cases while ensuring global applicability, enabling India to influence 5G advanced and 6G use-case standardisation.
- **Outreach Working Group:** Outreach is critical to national leadership. Activities should educate stakeholders, build public awareness, and strengthen India's global 6G brand through roadshows and widespread communication.

HMoC strongly recommended all Working Groups to collaborate, share progress regularly, and engage internationally to develop interoperable, future-ready 6G solutions. He emphasised that Bharat 6G Mission's success depends on clear milestones, coordinated efforts, and India's determination to lead in next-generation technologies.

Hon'ble Minister of Communications (MoC) Directions for Bharat 6G Alliance

- Each Working Group to define **quarterly deliverables** focusing on clear deliverables for next quarter.
- Conduct monthly **inter-WG coordination meeting** (virtual permitted)
- Explore formation of **Core Network / Software WG**
- Create proposal to utilise **₹1,00,000 crore RDI Fund** for 6G

Address by Hon'ble Minister of Communications (MoC), Shri Jyotiraditya M. Scindia

The Hon'ble Minister of Communications in his concluding remarks highlighted that India is well-positioned to lead in 6G and stressed the need to view the entire 6G value chain holistically. He emphasised on the following four stage approach:

- **Leapfrogging approach:** India must not follow but lead—moving from the 4G club directly to becoming a global frontrunner in 6G.
- **End-to-end value chain focus:** Each Working Group should review the entire value chain to identify bottlenecks and opportunities for India to lead.
- **Break down complexities:** Challenges should be decomposed into solvable components to accelerate execution.
- **Quarterly milestones:** A clear quarterly target and timeline should be prepared by each Working Group outlining achievements expected in the next quarter.

HMoC strongly recommended all Working Groups to collaborate, share progress regularly, and engage internationally to develop interoperable, future-ready 6G solutions. He emphasised that Bharat 6G Mission's success depends on clear milestones, coordinated efforts, and India's determination to lead in next-generation technologies.

Vote of Thanks

I extend my deepest gratitude to **Shri Jyotiraditya M. Scindia**, Hon'ble Minister of Communications and Hon'ble Minister for Development of the North Eastern Region, and **Dr. Pemmasani Chandrasekhar**, Hon'ble Minister of State for Communications and Rural Development, for their distinguished presence, leadership, and guidance in chairing and steering this Apex Council Meeting. Their visionary leadership and strategic guidance have laid a clear and forward-looking pathway for India's 6G journey. I also extend my sincere thanks to all other esteemed dignitaries for their valuable participation and continued support to the Bharat 6G Mission.

Way Forward & Brainstorming: Industry, Academia, and DoT Dialogue

The interaction session of B6GA members with DoT officials served as a crucial feedback mechanism, highlighting the urgent need to bridge the gap between indigenous R&D and commercial deployment, while ensuring strategic focus on core software and key spectrum issues.

- Industry highlighted the need for commercial pilots, interoperability testing, and reference deployment environments for Indian 4G/5G solutions. DDG-SRI, DoT assured that a new program is being drafted to support deployment pilots of indigenous telecom products in commercial networks.
- Suggestion for the formation of a dedicated Core Tech Working Group within B6GA to leverage India's software strengths. Also highlighted issues with delays in accessing TTDF funding and the lack of visibility into the evaluation process.

- Funding support for active participation in 3GPP standardization. DDG-SRI noted that TSDSI and 3GPP fees for startups are heavily subsidized/covered by DoT and that an outcome-based standardization funding model is planned to reward successful IP progression.
- Industry highlighted that indoor connectivity is a major barrier for high-frequency 6G systems. He recommended the integration of Mobile + Wi-Fi + SATCOM + Fiber and advocated for accessing the lower 6 GHz Wi-Fi spectrum for a seamless indoor experience. DDG-SRI echoed this by positioning 6 GHz as a "golden band" for 6G, urging early industry testing.
- DoT invited industry to participate in 3.7–4.2 GHz CNPN coexistence studies with satellite and aviation systems. This is critical for scaling Private 5G and pre-6G deployments.
- Proposed the creation of a Students' Innovation Portal to showcase academic projects, provide micro-funding, and enable visibility to industry, thereby supporting the prototype commercialization pipeline.
- Support in deploying integrated 5G/6G solutions for Defense, Disaster Response, and other strategic sectors.

The meeting ended with thanks to all. The list of participants is given at **Annexure 5**.

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Annexure 1: Agenda of Apex Council under the Bharat 6G Mission and Review of Bharat 6G Alliance

09:30-10:30 Hrs	**Registration and Networking Tea**
10:40 Hrs	**Arrival of Hon'ble MoC**
10:45 -10:47 Hrs	**Welcome of Dignitaries by DG**
10:47- 10:52 Hrs	**Welcome Address and Setting of the Tone** Shri Ashok Kumar, DDG(Standard-Research-Innovations), DoT
10:52-11:00 Hrs	**Opening Remarks** **Dr. Neeraj Mittal, Chairman, Digital Communications Commission & Secretary**, Department of Telecommunications, Government of India
11:00-11:05 Hrs	**Unveiling of Booklets on 100 5G Lab & Awards to the Best Performing Labs-** Moderated by Shri Ashok Kumar, DDG(SRI), DoT **-Group Photograph**
11:05-11:15 Hrs	**Presentation on National 6G Roadmap: DPR Briefing** - **Prof. David Koilpillai**, Chair, Bharat 6G Alliance **Strategy for 6G leadership (Pre-standard testbeds)** **- Prof. Rohit Budhiraja**, IIT Kanpur
11:15- 11:40 Hrs	**Presentation by Working Group Chairs/Vice Chairs** 1) Spectrum 2) Devices Technology, Components, Sensors and manufacturing ecosystem 3) Network Technology 4) Green & Sustainability 5) Applications 6) 6G Use cases & Revenue Streams 7) Outreach
11:40-11:50 Hrs	Interaction with Esteemed members of the Committee
11:50-12:00 Hrs	**Keynote Address by Dr. Chandra Sekhar Pemmasani, Hon'ble Minister of State for Communications and Rural Development**
12:00 Hrs onwards	**Address by Shri Jyotiraditya M. Scindia, Hon'ble Minister of Communications and Minister of Development of North Eastern Region**
12:15 Hrs	**Vote of Thanks**
12:30- 14:00 Hrs	**Networking Lunch**
14:00- 15:30 Hrs	**Interaction of B6GA members with Officers of the Department of Telecommunications**
15:30- 15:45Hrs	**Networking Tea**
15:45- 16:30 Hrs	**Way Forward & Brainstorming**

Annexure 2: Apex Council under Bharat 6G Mission Members

Composition of Apex Council under Bharat 6G Mission, Department of Telecommunications, Government of India		
Sl. No.	**Designation / Organisation**	**Position**
1	Hon'ble Minister for Communications	Chair
2	Hon'ble Minister of State for Communications	Vice Chair
3	Prof. Arogyaswami J. Paulraj, Stanford University	Member
4	Mr. Vinod Dham, USA	Member
5	Mr. N. G. Subramaniam, COO TCS	Member
6	Principal Scientific Adviser to PM	Member
7	Secretary, Telecom	Member
8	Secretary, MeitY	Member
9	Secretary, DRDO	Member
10	Secretary, Space	Member
11	Secretary, MIB	Member
12	Additional Secretary, Telecom	Member
13	Signal Officer in Chief, MoD	Member
14	National Cyber Security Coordinator	Member
15	Chairman, TSDSI	Member
16	Chairman, COAI	Member
17	Academic Researcher – Bharat 6G Alliance	Member
18	R&D Lab Representative – Bharat 6G Alliance	Member
19	Industry Representative – Bharat 6G Alliance	Member
20	Startup Representative – Bharat 6G Alliance	Member
21	CEO, C-DOT	Member
22	Mission Head – Bharat 6G Mission	Member-Secretary

Annexure 3: Summary of Working Group Presentation

Sl. No.	Working Group	Key Highlights / Progress
1	**Technology WG**	• 110 active members across multiple technology verticals (wireless, NTN, optical, AI/ML, chip design, etc.) • 115 contributions in last quarter across 13 topics in 3GPP, ITU, ORAN, TSDSI • Advancements in 6G RU/BBU, handset, cell-free, NTN, waveform, ISAC and 6G FWA CPE prototypes • Support requested for ITU Meeting 51 (Feb 2026; MLD negotiations) • Additional support needed for travel funding, chip/component development, large-scale PoCs & market access (by 2029)
2	**Spectrum WG**	• India 6G Spectrum Roadmap launched at IMC 2025; updated version released • Global engagement with Finland, GSMA, EU SNS, UKI-FNI, etc. • Technical studies on 7/8 GHz mid-band for global 6G alignment • Pathway identified: 200 MHz mid-band per operator for 5G Advanced & 6G • Consultations on 5G–6G coexistence, 526–582 MHz, and migration roadmap for incumbents • Call for prototypes/field experimentation in 7/8 GHz (from Q4 2025) • Final India position preparation for WRC-27
3	**Devices, Sensors & Manufacturing Ecosystem WG**	• High Indian value-add product focus: POS machines & CCTV/AI Vision Cameras • Hardware/IP progress in processors, RF transceivers, modems, sensors, SoCs • TTDF CFP recommendations: reference POS/CCTV designs, RF components for 6G NR (6.4–7.2 GHz), future RF modules • Challenges raised: below-cost imports; need for PLI-type support, certification & market orchestration

4	**Applications WG**	• Mapping 5G → 6G evolution across IC, HRLLC, MC, ISAC, IAC, Ubiquitous Connectivity • Focus on applications enabled by AI-native communications, sensing & ultra-low latency • Requirements: dedicated experts in Secretariat, test-beds, industry vertical integration, and legal/IP support • Emerging applications aligned to ITU IMT-2030 vision
5	**Green & Sustainability WG**	• KPI development for 6G energy efficiency & circularity • Collaboration with IITs, IIIT, Symbiosis, Tejas • Proposal for TSDSI alignment & patent filing • Focus areas: renewable energy sourcing (Green Open Access 2022), national fibre readiness, simulation labs for KPI modelling, OEM-level sustainability integration
6	**Use Cases & Revenue Streams WG**	• Identified priority 6G use cases: Digital Twins, XR with GenAI, NTN-terrestrial convergence, immersive healthcare, disaster management, intelligent transport, immersive learning • Consolidating learnings from 5G deployments • Multi-stakeholder council initiated for ecosystem alignment • Gantt roadmap for 8 quarters: hackathon, test-beds, use-case testing, standards-based test-beds, pilots (2028–2030)
7	**Outreach WG**	• Membership expansion: 6 → 84 organisations • 13 international MoUs with major 6G alliances globally • Hosted 6 tech talks, 4 bilateral meetings, 2 joint workshops (Korea & EU) • Coordinated global New Delhi Declaration on "Secure, Open, Resilient, Inclusive and Sustainable 6G by Design"

Annexure 4: Working Group Chair and Vice Chairs

Bharat 6G Alliance Working Group Chair & Vice-Chair list			
S. No	**Name**	**Organisation**	**Working Group**
1	Prof. David Koil Pillai	IIT Madras	Spectrum
2	Mr. Nirmesh Yadav	Bharti Airtel	
3	Mr. A K Tiwari	Reliance Jio	
4	Mr. Ravi Lakhotia	Vodafone Idea	
5	Mr. Rajiv Jain	VVDN Technologies	Technology
6	Mr. Jishnu Aravindakshan	Tejas Networks	
7	Dr. Sreenath Ramanath	Lekha wireless	
8	Prof. Bhaskar Ramamurthi	IIT Madras	Devices, Components Technology, Sensors, and Manufacturing Ecosystem
9	Dr P.H. Rao	SAMEER, Mumbai	
10	Mr. Himamshu Khasnis	Signalchip Innovations	
11	Dr. Ravi Gandhi	Reliance Jio	Applications
12	Mr. Raghuveer B K	Nivetti Systems	
13	Prof. Rajesh Sundaresan	IISc, Bengaluru	
14	Mr. Utkarsh Dubey	Bharti Airtel	Green and Sustainability
15	Dr. Venkata Subramanian Viraraghavan	Tata Consultancy Services	
16	Dr. Rajkumar Upadhyay	C-DOT	Outreach
17	Mr Balaji Rangaswamy	Sooktha Consulting	
18	Mr. Rajesh Singh	Vodafone Idea	6G Use Cases & Revenue Stream
19	Mr. Sandeep Sharma	Tech Mahindra	
20	Prof. Rohit Budhiraja	IIT Kanpur	

Annexure 5: Participant List

Attendance List of MOC Meeting dated 09 Dec 2025		
S. No	**Name (Shri/Mr./ Dr./Prof./ Ms.)**	**Organization**
1	Shri Jyotiraditya M Scindia	Hon'ble Minister of Communications; and Minister of Development of North Eastern Region
2	Shri Mayur Ratilal Govekar	Private Secretary
3	Shri Harish Singh Papola	Additional Private Secretary
4	Shri Ankur Verma	Additional Private Secretary
5	Dr. Pemmasani Chandra Sekhar	Hon'ble Minister of State in the Ministry of Communications and Minister of State in the Ministry of Rural Development
6	Shri Amrendra Pratap Singh	Private Secretary
7	Shri K.R.S. Krishnam Naidu	Additional Private Secretary
8	Dr. Pushpender Singh	Additional Private Secretary
9	Prof. Ajay Kumar Sood	Principal Scientific Adviser to PM
10	Dr. Neeraj Mittal	Secretary, Telecom
11	Prakash Kumar	Scientist E, MeitY
12		Secretary, DRDO
13	Shri Sanjay Jaju	Secretary, MIB
14		Secretary, Department of Space
15	Shri Gulzar Natarajan	Additional Secretary, Telecom
16	Shri Navin Kumar Singh	National Cyber Security Coordinator
17		Signal Officer in Chief, MoD
18	Mr. Satish Jamadagni	Chairman, TSDSI
19	Vikram Tiwathia	COAI
20	Dr. Pankaj Kumar Dalela	EVP, C-DOT
21	Shri Ashok Kumar	DDG(SRI), DOT
22	Shri Anil Kumar Bhardwaj	DDG(SE), DOT
23	Shri Ashok Kumar Jain	DDG(IP), DOT
24	Shri Harish Kumar	Director(SRI), DOT
25	Shri R N Pallai	Member Technology
26	Shri Shubhendu Tiwari	Advisor Technology
27	Shri S T Abbas	Sr. DDG, TEC
28	Shri Jitendra Bhoi	ADG(Standards-R&D-Innovation), DOT
29	Ms. Ayushi Agarwal	ADET(Standards-R&D-Innovation), DOT
30	Prof. R. David Koilpillai	Chairman, Bharat 6G Alliance
31	Dr. Kumar N Sivarajan	Vice- Chairman, Bharat 6G Alliance
32	Prof. Rohit Budhiraja	Vice- Chairman, Bharat 6G Alliance
33	Dr. Ravi Parkash Gandhi	Reliance Jio Infocomm Limited
34	Prof. Bhaskar Ramamurthi	CEWiT, IIT Madras

35	Dr. P Hanumantha Rao	SAMEER
36	Mr. Sandeep Sharma	Tech Mahindra Limited
37	Rajat Agarwal	Tech Mahindra Limited
38	Mr. Ramu T. S.	Lekha Wireless Solutions Pvt Ltd
39	Mr. Amit Kumar Srivastava	Telecommunication Engineering Centre (TEC)
40	Dr. J. B. V. Reddy	Department of Science and Technology (DST)
41	Mr. Nirmesh Yadav	Bharti Airtel
42	Mr. Ashok Kumar Tiwari	Reliance Jio
43	Mr. Himamshu Khasnis	Signalchip Innovations
44	Ravi Pardhi	Amantya Technologies Private Limited
45	Mr. Rajesh Tuli	Coral Telecom Limited
46	Uthayashankar V	Finaara Technologies Private Limited
47	Dr. Sonali Garg	HFCL Limited
48	Hargovind Prasad Bansal	Hnnoix India Private Limited
49	Prachi	Hnnoix India Private Limited
50	Prof. Ekant Sharma	Indian Institute of Technology Roorkee
51	Om Prakash Mishra	Telecommunications Consultants India Limited (TCIL)
52	A K Mittal	TSDSI
53	Prof. Rajarshi Mahapatra	IIIT Naya Raipur
54	Saurabh Mittal	TCS
55	Dr. Sendil Devar	Ericsson
56	Niranth Amogh	Nokia
57	Ashwani Kumar	Nokia
58	Dileep Lakhera	Bharti Airtel
59	Dr. Amalendu Patnaik	IIT Roorkee
60	Prof. Ritu	Banasthali Vidyapith Rajasthan
61	Dr. Mohd Gulman	Banasthali Vidyapith Rajasthan
62	Dr. Shuvabrata Bandopadhya	Banasthali Vidyapith Rajasthan
63	Yogendra Singh Naruka	Banasthali Vidyapith Rajasthan
64	Amit Mishra	Thapar Institute
65	Dr. Rajesh Khanna	Prof. Thapar Institute
66	Naushin Sheikh	Sr. DGM/BD
67	Ashok Kumar	MSME
68	Mayank Gupta	Narnix
69	Dr. Rajesh Sharma	TCOE
70	Jitendra Khare	DDG(Compliance) UP(West)LSA
71	Parul	Systra MVA Consulting (India) Pvt. Ltd.
72	Dr. Chitranjan Singh	Ananant Systems Private Limited
73	Debashish Bhattacharya	BIF
74	Sanjay Kumar	TCIL
75	Rowman Hogman	Ericsson

76	CA Pravin Kumar Jain	Shripadam Lobal Business Services Pvt. Ltd.
77	Dr. Simranjit Singh	Punjab Engineering college
78	Arun Singh	Punjab Engineering college
79	G V Kumar	XIUS
80	Nausheen Qadar Shaikh	DMRC
81	Hardik Parashar	Vyom Digital Services Pvt. Ltd.
82	Sanjeev Goyal	Telecommunications Consultants India Limited (TCIL)
83	Vivek Kumar	NCA-T
84	Vivek Asthana	DOT UPWLSA
85	Vipin	DOT
86	Samridhi	DOT
87	Rajeev Ranjan	DOT
88	P C Sharma	DOT
89	Sujit Kumar	DOT
90	Ishan Jawa	DST
91	Sudeep Shrivastava	MeitY
92	Manoj Jain	MeitY
93	Sanjay Meena	Steno(SRI)
94	Rajesh Gupta	DDG, DOT(NCA-T)
95	R P Singh	Director, DOT
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99	Shah Faisal	Bharat 6G Alliance
100	Swapnil Tripathi	Bharat 6G Alliance
101	Dr. Brajesh Mishra	C-DOT
102	Anjali Khanna	C-DOT
103	Manish	C-DOT
104	Venkata Subramanian Viraraghavan	TCS
105	Rabindranath Bera	IIIT KALYANI
106	Ram Kumar	DOT
107	Vishal	DOT
108	Ashok Kumar	DOT
109	Ramalita Sheet	IIIT Kalyani
110	Darshan Patel	BITGreen Technolabz Pvt Ltd
111	Jishnu	Tejas Networks
112	Nitin	Dyotis
113	Prof. Preetam Kumar	IIT PATNA
114	Deep Laxmi Rathod	Maulana Azad National institute of technology, Bhopal
115	Ravi Lakhotia	Vodafone Idea Ltd.
116	M Revathi	WPC

117	Dr Amit Kumar Singh	Indian Institute of Technology Patna
118	Neelesh Shrivastava	MP LSA Bhopal
119	Soni Koul	ANRF
120	Sanjeev Kumar	TCIL
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123	Sreenath Ramanath	Lekha Wireless
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126	Dr Rajendra Singh	DRDO
127	N P Pathak	IIT Roorkee
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