



Government of India
Ministry of Communications
Department of Telecommunications
Standards-R&D-Innovation

Sanchar Bhavan, 20 Ashoka Road,
New Delhi-110001

Letter No. 1_TSUM/2022-SRI

Dated: 11th Oct, 2022

To

All Start-ups & MSMEs in Digital Communication Technologies(DCTs)

Sub: Constitution of **Telecom Startups-MSMEs Mission (TSuM)** and a **Facilitation Cell** for focused engagement with Startups/MSMEs in Digital Communication Technologies.

Ref: DoT's OM No. 1_TSUM/2022-SRI reg "Constitution of Telecom Startups-MSMEs Mission and a Facilitation Cell", dated 19th Aug, 2022.

The Department of Telecommunications (DoT) takes this opportunity to acknowledge the telecom Startups and MSMEs for their significant contribution to telecom technologies/ solutions development, and their proliferation in the country. Indian Research Institutions and Telecom Industry have played a phenomenon role in building the technology ecosystem in the country. With a strong competency base in indigenous technologies, the Startups and MSMEs are valuable to the National Broadband Mission and Digital India as part of the Government of India's Atmanirbhar Bharat initiative. The National Digital Communication Policy envisages necessary facilitation for technology Startups and MSMEs with the objective to enhance Indian contribution to the global value chain.

2. In view of the above, the DoT is happy to announce the institutionalization of such facilitation through the "**Telecom Startups-MSMEs Mission (TSuM)**" under the **Technology Vertical** of DoT with a **Facilitation Cell** under the Mission. The broad action areas of TSuM are:

- i) R&D Facilitation for Startups, MSMEs including Standardization, Trials / PoC, Spectrum, Funding, etc.
- ii) Enabling facilitation and coordination with DoT HQ units and field units
- iii) Facilitation of relevant issues with other Ministries / State Governments / Agencies
- iv) Market enablement, handholding as may be necessary
- v) Any other areas to support Startups and MSMEs in line with the objectives of NDCP

3. A brochure on key initiatives from DoT and TSuM in promoting Startups and MSMEs is enclosed as a ready reckoner. The Telecom Startups-MSMEs Action Plan, inter-alia, containing details of measures to support Startups-MSMEs with various fiscal and nonfiscal benefits, shall be made published on DoT's website shortly.



4. The TSuM Facilitation Cell is constituted at Sanchar Bhawan, DoT Headquarters with the following structure.

- i) Telecom Startups MSMEs Mission: Director, Coordinator & supporting staff
- ii) Telecom Centre of Excellence (TCoE)- India as facilitation arm for timely redressal
- iii) Bharat Digicom Innovation Networks portal (upcoming) as one stop digital facilitation platform

5. Startups and MSMEs are encouraged to reach out the following TSuM nodal points for necessary facilitation to strengthen the R&D ecosystem (preferably through upcoming Bharat Digicom Innovation Networks portal or directly via email: TSUM-DOT@GOV.IN / SUPPORT@TCOE.IN)

<p>DoT Nodal- 1: Mission Director, TSuM Dr. Brajesh Mishra, ITS Department of Telecom-HQ Ministry of Communications Phone: 9868132268</p>	<p>DoT Nodal-2: Mission Coordinator, TSuM Shri A. Alex Vikas, ITS Department of Telecom-HQ Ministry of Communications Phone: 011-23372074/8374959263</p>
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This is issued with the approval of Competent Authority

Enclosed: As Above

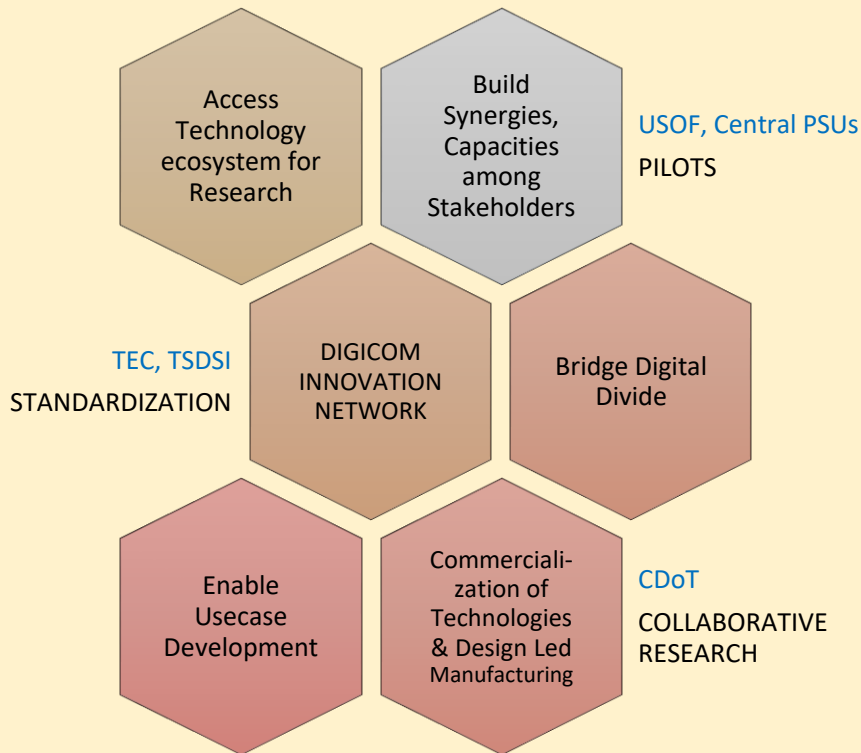
(A. Alex Vikas)
 Asst. Director General
 Mail: alex.vikas17@gov.in
 Tel No: 011- 2337207

Copy to:

1. PS to Hon'ble Minister of Communications- for kind information
2. PS to Hon'ble Minister of State for Communications- for kind information
3. PSO to Secretary (Telecom) & Chairman DCC - for kind information
4. Member(T)/Member(S)/Member(F)/AS(T)/Administrator USOF
5. DG (Telecom) & Heads of all LSAs
6. CGCA/DG(NTIPRIT)/ Sr.DDG (TEC)/DG(NICF)
7. JS(T)/DDG(SRI)/DDG(IC)/DDG(IR)/DDG(IT)/DDG(NT)/DDG(Sat.)/DDG(AS)
8. WA/JWA WPC, Director WMO; JWAs of respective RLOs
9. EDR C-DOT
10. CMD BSNL/BBNL/TCIL/ITI
11. Chairman & Director TCoE-India
12. Nodal points of Vertical Ministries (5G use case inter-ministerial committee)
13. DoT Nodal for uploading OM in the DoT website



सत्यमेव जयते



TSuM

Telecom Startup & MSME Mission

SERVICES AVAILABLE

- **FUNDING FOR R&D, PILOTS, USECASES, DESIGN-LED MANUFACTURING**
Grants & Incentives to promote technology and solutions development in various DIGICOM technologies including Quantum, Optical, Radio, IoTs, 4G/5G/6G and beyond; Manufacturing
- **SPECTRUM FOR R&D, MANUFACTURING, DEMONSTRATIONS**
Spectrum for R&D at most liberal terms @ a nominal price; Indoor use through self-declaration; bundling of all licenses into one (Spectrum, Import, Demos, Possession licenses).
- **SINGLE POINT FOR FACILITATION**
TSuM, the single point of engagement for Startups and MSMEs facilitation with DoT.
- **R&D and STANDARDIZATION**
R&D Opportunities and Standards participation and facilitation through CDoT, TEC, TSDSI.
- **MARKET ACCESS**
CPSUs, USOF Projects and Schemes

ATMANIRBHARATA IN DIGITAL COMMUNICATION TECHNOLOGIES



The National Digital Communication Policy (NDCP) aims to enable next generation technologies and services through a set of transformational strategies, namely, catalyzing investment; harnessing emerging technologies; R&D; promotion of Startups and SMEs; local manufacturing and value addition; capacity building; strengthening of PSUs; acceleration of Industry 4.0.

The Startups and SMEs promotion strategy are intricately linked with strategies envisaged to strengthen local manufacturing and R&D capabilities. The NDCP is working towards reduction of entry barriers for start-ups by reducing the initial cost and compliance burden, especially for new and innovative segments and services.

- ✓ DCIS Scheme to fund Rs 63 Cr during 2021-24 as grants.
- ✓ CDoT Collaborative research and USoF 5% R&D Funding to support large scale projects.
- ✓ Consortium engagement with CDoT for cocreation and testing of Next Generation DIGICOM Technologies
- ✓ Academic collaboration
- ✓ Proactive facilitation for pilots and testing,
- ✓ Promoting participation of Start-ups and SMEs in government procurement
- ✓ Access to 5G testbed and technologies at affordable costs
- ✓ Access to DIGICOM Innovation Ecosystem

Telecom Startup & MSME Mission; Sanchar Bhawan, New Delhi Tel: +91 11 23372074; @tsumdot
Dr. Brajesh Mishra, Mission Director, TSuM; brajesh.m@nic.in
Mr A. Alex Vikas, Mission Coordinator, TSuM; alex.vikas17@gov.in

TECHNOLOGY VERTICAL
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WWW.DOT.GOV.IN

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World Telecom & Information Society Day, May 17, 2022

Indigenous Technology Companies hosted product demonstrations on 5G Radio system, 5G Core System, IMS, IoTs, Chipsets, 5G NMS at Sanchar Bhavan during 16-18th May 2022.

These technologies will create employment, provide internet security & bring out talent in India: -
Shri Ashwini Vaishnaw, Minister of Communications, Electronics & IT and Railways

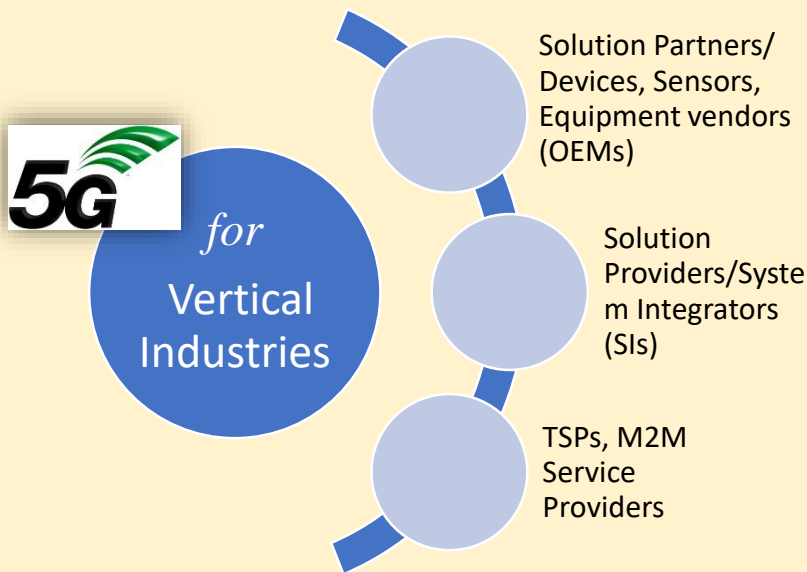


Indian technologies powering the homegrown 5G Radio Unit of Mobile Networks. -
Shri Devusinh Chauhan, Minister of State for Communications

Multiple flavours of 5G technologies are getting developed from CDoT, MSMEs. It augurs well for technology development in the country -
Shri K. Rajaraman, Secretary (Telecom)



5G Vertical Engagement and Partnership Program



DoT is working with diverse stakeholders of 5G ecosystem to facilitate the development of usecases for vertical industries. Startups and MSMEs actively taking part with over 17 Ministries.

<https://pib.gov.in/PressReleaseDetailm.aspx?PRID=1815660>

TSuM

Telecom Startup & MSME Mission

- EASE OF DOING R&D
- MINIMUM COMPLIANCE
- TECHNOLOGY FUNDING
- PILOTS
- STANDARDIZATION
- COMMERCIALIZATION

TECHNOLOGY FACILITATION