



## Technical Activities

**Adoption of ETSI IoT and NFV Standards as TSDSI Standards:** TSDSI adopted ETSI standards for NFV and IoT in November 2023. These standards are required by the National Center for Communication Security (NCCS), a wing of DoT for use in the Indian Telecom Security Assurance Requirements or ITSARs. The adopted standards can be viewed at the link <https://tsdsi.in/adopted-standards-nfv/> and <https://tsdsi.in/adopted-standards-iot/>.

## Global Standards Roundup

**ITU-R:** WRC23 was held from 20 November to 15 December 2023 in Dubai. A few members of TSDSI participated in WRC as part of the India delegation.

**ITU-T: A Contribution on use cases "Management of 5G Core Testbed from Ms Shwetha Vittal and Prof Antony Franklin from IIT Hyderabad (TSDSI Member)** has been accepted as a candidate for the deliverables of WG1 (Use Cases, Applications and Industry Demand, Business Models) of ITU-T Focus Group on Testbeds Federations for IMT 2020 and beyond (FG-TBFxG). This is a result of presentation by IIT Hyderabad on 8-10 November to the ITU-T TBFxG Focus Group.

TSDSI members registered for following meetings of ITU-T:

- ITU-T SG/WP2 Meeting on 8-17 November 2023 in Geneva, Switzerland with remote participation.
- ITU-T: FG-TBFxG on 8-10 November 2023 in online mode.
- ITU-T: SG5: Environment, EMF & circular economy from 13-22 November 2023 in Geneva, Switzerland.
- ITU-T SG9: Broadband cable from 14-23 November 2023 in Bogota, Colombia with remote participation.
- ITU-T SG15: Transport, access and home was held from 20 November 2023 to 1 December 2023 at ITU headquarters, Geneva, Switzerland.

## Partner Engagements

TSDSI has renewed MoU with IEEE SA to work on various technical projects of mutual interest for potential collaboration in the development of related standards.

## Thought Leadership

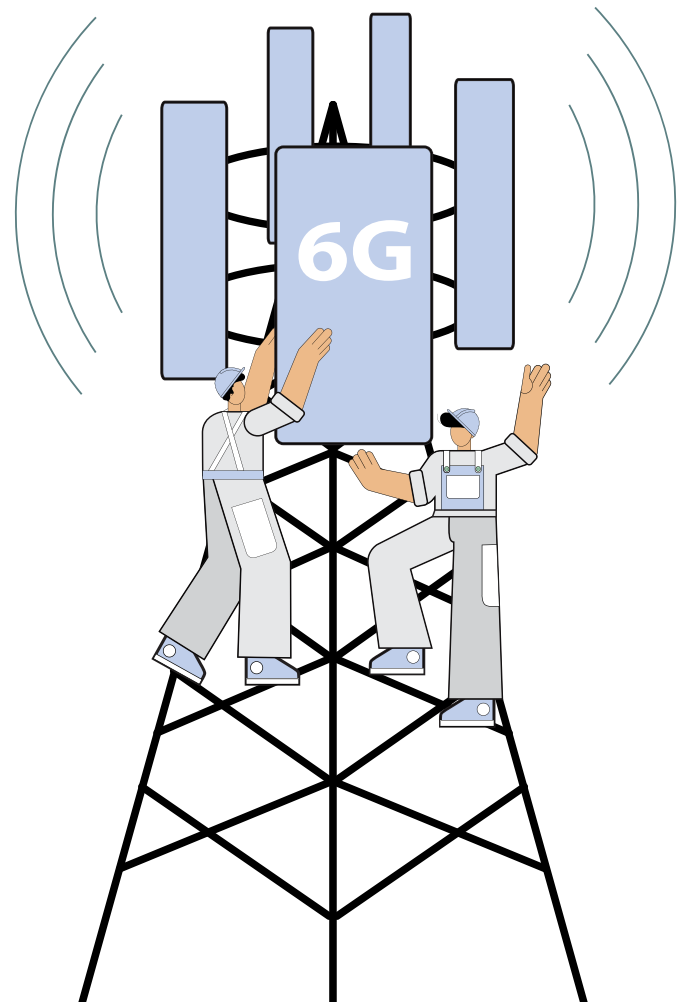
An article on **"Enhancing Engagement with 3GPP for India – The TSDSI Approach"**, co-authored by Mr A K Mittal, Advisor- Networks, Systems & Technologies, TSDSI and Ms Bindoo Srivastava, Director- Marketing and Communications & Partner Relations, TSDSI, was published in 3GPP Newsletter November 2023 Edition. The article can be viewed at this link: <https://bit.ly/TSDSIArticle>.

## Ecosystem

**Mr A K Mittal- Advisor, TSDSI participated in a Panel Discussion on "Towards A Single, Globally Harmonized 6G Standard: Challenges, Risks, And Opportunities"** at the Worldwide Industry Forum conducted as part of the IEEE Future Networks World Forum 2023 held on 14 November 2023 in Baltimore, USA.

## Announcements

TSDSI welcomes Cientra TechSolution Pvt Ltd, OptimusLogic Systems India Private Limited and Resonous Technologies Pvt Ltd as observer members.



## TSDSI Scorecard

Description	For the Month (FTM)		Cumulative Total	
	SGN	SGSS	SGN	SGSS
<b>Technical Activities</b>				
No. of Technical Reports Released	-	-	12	134
No. of Standards Released	-	-	8,821	223
<b>Membership Status</b>				
No. of Members	3		121	

## Participation in Meetings of Global Forums

Meeting Name	No. of Meetings	No. of Participants	No. of Contributions
3GPP	16	187	483
ITU	5	14	1
oneM2M	-	-	-

## Upcoming Events

Event Name (Meetings/Workshops/Conferences/Webinars)	Date	Location
ITU-T: Focus Group on metaverse	4-7 Dec'23	Geneva, Switzerland
oneM2M TP #62	4-8 Dec'23	Tokyo, Japan & Online
oneM2M Industry Day	6 Dec'23	Tokyo, Japan & Online
Workshop on "5G and Beyond: Looking over the Horizon"	4-8 Dec'23	IIT Bombay
4 <sup>th</sup> Edition of "Indo-European Conference on Standards and Emerging Technologies"	7 Dec'23	New Delhi & Online
3GPP Working Group Meetings RAN/SA/CT	11-15 Dec'23	Edinburgh, GB
TSDSI GC #45	18 Dec'23	Online
SGN TP#33, SGSS TP#28	20-21 Dec'23	IIT Delhi & Online
Workshop on Autonomous Road Transportation for Indian Scenarios	22 Dec'23	IIT Delhi & Online

Click [here](#) to view list of upcoming events for the entire year.

Click [here](#) to read our regular newsletter which shares news about our activities.