

# Telecommunications Standards Development Society, India



Years of developing ICT Standards

# Ecosystem Outreach and MARCOM

20 June 2024

# Outline

India's Telecom SDO
10 Years of developing
1CT Standards

- Mandate
- About Outreach Committee
- Representative Events
- Alliances
- Thought Leadership
- Communications
- Collaterals
- Member Engagement Awards

# Mandate

AREA	GOAL
Enhance Technical Activities	Support Technical Groups and Roadmap Committee in identifying, mobilising and nurturing new opportunities leading to TRIP Forums /NIPs
Higher Impact in Global Forums	Strengthen Interface with Global SDOs (ITU, 3GPP, oneM2M): Affiliations Strategy and framework
Establish TSDSI as a World Class SDO	<ul> <li>Positioning of TSDSI on national and Global stage</li> <li>Events</li> <li>Communications</li> <li>Capacity Building</li> </ul>



# We mainly work through the Outreach Committee



### **Terms of Reference:**

Established to oversee the external TSDSI Outreach, Partnerships, Marketing and Communications activities. This may include activities such as membership solicitation, media and analyst relations, website content (related to MARCOM) and promotional material development, branding and publicity, promotional material and collaterals, event / workshop design, execution and representation, and awareness programs

### **Chair:**

Anuradha Agarwal

Vijaya Kamath

### Members:

Avinash Agarwal

Rajeev Shorey

Satheesh G

### **TSDSI Secretariat:**

Bindoo Srivastava

Shefali Sinha

Ritika Deo

# Representative Events









<u>Visit here</u> for 13 Month Rolling Calendar

## Alliances



## **List of Partners**

- IEEE-SA
- ATSC
- ETSI
- OCF

- 5G Brasil
- 6GIA
- BIF
- CCICI

- GCF
- MTSFB
- TSDSIANUALIBACE
- SIA India

- TAICS
- TTA
- TIA
- WWRF

- · ARIB, TTC
- ATIS
- IM2030 PG

# Thought Leadership

- White Papers (6G White Paper link here)
- **Articles in Journals and Press**

Follow us on LinkedIn - linkedin/company/tsdsi; X @TSDSI\_India





Relations, TSDSI, in 3GPP Newsletter November 2023 Edition



#### Date of Posting: 6 June 2023

Article on Enhancing Engagement Paper on Towards Autonomous Article on Evolution of Network Open Radio Access Networks coauthored by Mr Vishnu Ram OV, Consultant Study Group Services & TSDSI Member - IIT Kanpur, in 3GPP Solutions, TSDSI, in ITU Journal on Newsletter May 2023 Edition Future and Evolving Technologies



#### Date of Posting: 12 May 2023

Nodes: From IAB to IRS by Mr. Shyam





#### Date of Posting: 1 March 2023

Magazine January 2023 Edition



Director General, TSDSI, in tele.net 3GPP Newsletter November 2022 Edition

#### Read Full Article



#### Date of Posting: 14 November 2022 Date of Posting: 27 June 2022

Article on Non-IAB Based Mobile Interview with Mr NG Subramaniam, Base Station Relays by Dr Rashmi Chair TSDSI and current 3GPP PCG standards By Ms. Pamela Kumar, Kamran Bhatia, IIT Bombay, in Chair, in 3GPP Newsletter May 2022

20 June 2024 Read Full Article

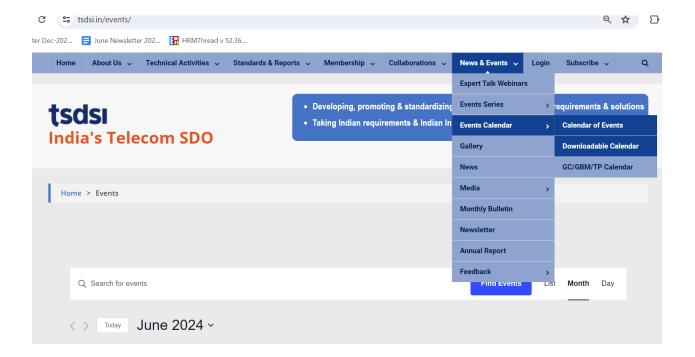
Read Full Article

Read Full Interview

## Communications

### Communiques

- Annual Reports (<u>https://tsdsi.in/annual-report/</u>)
- Newsletters (<u>https://tsdsi.in/newsletter/</u>)
- Monthly Bulletins (<a href="https://tsdsi.in/tsdsi-monthly-bulletin/">https://tsdsi.in/tsdsi-monthly-bulletin/</a>)
- 13 months Events Rolling Calendar







#### Technical Activitie

Study Group - Services & Solutions: The Study group held its 29\*Technical Flenary meeting on 45 April 2024 at Reliance Jio, Bengaluru in Hybrid

A proposal for developing standards on Use cases for Nard Consectivity, NPISSS view infraocized during the meeting. It do to received proposal for corrying, out florifuncial studies on Nelmont. Security (NPIS-44), AMM boased Security Implementation in Wertest Communication Systems (NPIS-49), Split Al Increment in 60 content (NPIS-50), Silter Infraorition in 65 content (NPIS-50), and Self-Sectional Nelmonia: (SNN) for Connected Biobotics and Autonomous Systems (SASA) (NPIS-50).

A Liaison statement has been sent to DoT, TEC, NSGM and CEA to apprise them about publication of the TSDSI Technical Report titled

Study Group - Networks: The Study Group held its 34th Technical Plenary

Following new technical studies were approved in the meeting: System Requirements for Nikhoused Feture Rankwys. Mobile Communication System (FBMCS) (\$1127), Handling of Diverse Services in Future Nobles Natworks [\$1130], Shady of the Channel Model for Integrated Searing and Communication Network in FES and THE and \$1128, Functional System (\$1128), Functional System (\$11

#### Global Standards Roundup

30th: The 30th Codo's and Cho's I meeting, were that in resolut, to on 23-24 April 2024 in hybrid mode. The 30ft 65 logo has be approved and can be viewed here. The Release 20 workplan was agreupon in the PCG meeting, marking commencement of 6G requirement work at 30ft.

ITU-E A use case rifed "leasing Operations using Al/ML Solution for 6G or Beyond Network Orchwistration and Secure Network Operations", submits by TSDSI Member Tata Elsas to the ITU-AI for Good "Innovate for Impoul has been occepted for presentation. This submission was facilitate through TSDSI's Secretariat weekly mentioning sessions. The contribute stand to win prizes worth USD SDIC.

SDSI Members registered and participated in several important ITU-T reetings, including SG16 (Multimedia & digital technologies), SG12 Performance, GoS and GoE) and SG20RG-AP (SG20 Regional Group

The ITU Kaleidoscope conference will be held in New Delhi from 21:23 October 2024. Cell for paper submissions has been extended till 20 May 2024. Visit here for details. TSDSI secretorial provides mentoring support and guidance to its members for submitting high-quality papers.

TSDSI organized an open online awareness workshop on 19 April 2024 to disseminate information on the conference topics and share guidelines on how to draft and submit high-quality papers. eneM2M: The oneM2M Technical Plenary Meeting #64 was conducte online from 22:26 April 2024. Stage 1 (i.e. acceptance of ne requirements) of Release 5 was frozen in the meeting. Release 5

#### Announcements

TSDSI welcomes Marquis Technologies Private Limited, Capgenini Technology Services India Limited, Smood Networks PM Ud as Corporate

TTDD 2024: TSDSI proudly amounts the 7° edition of our Annual Registip Conference TSDSI schotcol Deep Direc ITDD 2024, schedule to take place from 16-19 July 2024. It will have 6 fully online behancol sessions followed by a hybrid conference theme session in New Delt/Online.

#### Click like to Tilla dar like

As port of or 10° conveniency oliebrations, TSDS is loarning "Standards Averagess Workshop" series cores versous cities of ill country to rate evenienses of the crucial role of Standards in microstioral success in olderly digitally driven ecosystem and to excursing companies, and RSD organizations to establish deducated intervolvential and the companies of the country of the country workshop in this senter, little "Archivering Leadming" in Standard Enchling Organizational Fromeworks" will be held of Ill Biognopion 9 May 2024, in protractiply with Sonsang RSD Institute lited 10° the protraction of the country of the co

Bangalore.

This workshop will be preceded by a DaT-TEC-TSDSI worksho
tified "Archaevan Lendership in Standard".





### CHAIR'S DESK

The Patenting dilemma

"Simplicity of the

Here benders: SIMP is a manifest publication, danabase regenering offers for deviation and device. SIMP is a manifest publication danabase regiments and the deviation of the simple publication of the opportune and the generator between the SIMP metabolish and the simple publication of the simple publica

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# Collaterals

### Collateral

- Brochures,
- Flyers
- TSDSI Overview

## 10 Year Journey of TSDSI



# Member Engagement



Dr Anand Srivastava IIIT-Delhi



OUTSTANDING **TECHNICA!** FOR PY 2022-23 PRESENTED TO ANAND SRIVASTAVA

Dr Vivek Ashok Bohara IIIT-Delhi



tsdsı OUTSTANDING TECHNICAL VIVEK ASHOK BOHARA

Mr Ankit Mahajan Sensorise Smart Solutions Private Limited



tsdsı ANKIT MAHAJAN

Mr Niranth Amogh Nokia Solutions and Networks India Pvt Ltd

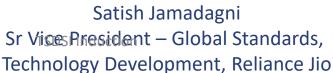






Anindya Saha **Chief Technology Officer** Saankhya Labs Pvt. Ltd.











# Thank You

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