



BUREAU OF INDIAN STANDARDS

Smart Infrastructure Sectional Committee, LITD 28 Meeting 28

Venue: Conference Room Manakalaya (Hybrid Meeting)
Date: 02 July 2024
Time: 1100 hrs.
Chairperson: Prof. Inder S Gopal (IISc, Bengaluru)
Member Secretary: Shri Devansh Deolekar (Scientist-D, LITD)

Meeting Link: <https://bismanak.webex.com/bismanak/j.php?MTID=m2584be718407a9f562222e30a9314733>

Meeting ID: 2514 377 9687

Password: LITD2828

1. **Chairman:** Prof Inder Gopal, IISc, Bengaluru
2. **Member Secretary:** Devansh Deolekar

S. No.	Organization	Member
1.	Indian Institute of Science, Bengaluru	Prof. Inder S Gopal (Chairperson)
2.	Centre for Development of Telematics, New Delhi	Shri Aurindam Bhattacharya
3.	CyanConnode Private Limited, Bengaluru	Shri Deepak Nimare Shri Dushyant Singh
4.	ERNET India, New Delhi	Dr. A. Paventhan
5.	Esri India Technologies Private Limited, Noida	Shri Vijay kumar Ms. Ruma Chakrabarty
6.	Hawlett Packard Enterprise	Shri Manukumar Nair
7.	India Smart Grid Forum, New Delhi	Shri Reji Kumar Pillai
8.	Narnix Technolabs Private Limited, New Delhi	Shri Narang N Kishore
9.	National Spatial Data Infrastructures	Shri R. N. Nanda
10.	Orient Cables India Private Limited, Bhiwadi	Shri Amarjeet Kumar
11.	Seconded European Standardization Expert for India (SESEI), New Delhi	Shri Dinesh Chand Sharma Shri Nitin Sharma
12.	Tata Consulting Engineers Limited, Navi Mumbai	Shri Manoj Kumar
13.	Telecommunications Standards Development Society India, New Delhi	Ms. Bindoo Srivastava
14.	In Personal Capacity, Bengaluru	Dr. Vasanth Rajaraman

ITEM 0: WELCOME ADDRESS

Welcome: Member secretary welcomed the members to the 28th meeting of LITD 28.

Opening remarks: Prof. Inder Gopal, Chairperson of the committee, in his opening remarks told that smart city mission has been extended till March 2025, for complete implementation of the project. Sh. Rahul Kapoor, has joined as the mission director of the smart city mission. Further he informed that NUDM is going to come up with City Operating Platform (COP), which will include the data exchange work, which we have been doing and IoT. Thus, it will support also OneM2M. The committee has already published a set of standards in certain areas and these standards are going to be very influential in smart cities. He further urged the members to contribute more actively towards the development of standards planned for the future.

ITEM 1: FORMAL CONFIRMATION OF THE MINUTES OF LAST MEETING

- 1.1 The committee formally approved the minutes of the 27th meeting of LITD 28 held on 07 August 2023.

ITEM 2: SCOPE AND COMPOSITION OF LITD 28

The committee reviewed the scope and composition of LITD 28 given in Annex-1 of the agenda. The chairman asked the committee to take it as an action item to review the scope of the committee.

He also requested for active participation.

ITEM 3: PROGRAM OF WORK OF LITD 28

The committee noted the information given at item 3.1 and Annex-2 of the agenda.

ITEM 4: REVIEW OF STANDARDS

- 4.1 As per BIS rules, Indian Standards that are in existence for more than three years are required to be reviewed for Reaffirmation/Revision/Withdrawal. The standards mentioned below are due for review:

S. No.	IS no.	Title	Respective Panels to review the standard and give their recommendations
1.	IS 18000 : 2020	Unified Digital Infrastructure - ICT Reference Architecture (UDI-ICTRA)	Panel 6
2.	IS 18002 (Part 1) : 2021	Unified Digital Infrastructure - Data Layer Part 1 Reference Architecture	Panel 11
3.	IS 18003 (Part 1) : 2020	Unified Data Exchange Part 1 Architecture	Panel 12
4.	IS 18003 (Part 2) : 2021	Unified Data Exchange Part 2 API specifications	Panel 12
5.	IS 18004 (Part 1) : 2021	IoT System Part 1 Reference Architecture	Panel 9
6.	IS 18006 (Part 1) : 2021	Municipal Governance - Part 1 Reference Architecture	Panel 8

7.	IS 18006 (Part 3/Sec 1) : 2021	Municipal Governance - Part 3 Property Tax - Section 1 Taxonomy	Panel 13
8.	IS 18008 (Part 1) : 2021	Smart Cities- GIS Reference Architecture	Panel 10
9.	IS 18010 (Part 1) : 2020	Unified Digital Infrastructure - Unified Last Mile Communication Protocols Stack Part 1 Reference Architecture (UDI - ULMCPS - RA)	Panel 1
10	IS 802.15.9 : 2021 (IEEE Std 802.15.9-2016)	Recommended Practice for Transport of Key Management Protocol KMP Datagrams	Panel 1
11	IS 802.15.4 : 2021 (IEEE Std 802.15.9-2016)	Low-Rate Wireless Networks	Panel 1
12	IS/ISO/IEC/IEEE 8802-1X : 2013	Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks Part 1X: Port-based Network Access Control	Panel 1
13	IS/ISO/IEC/IEEE 8802-11 : 2018	Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements Part 11: Wireless Lan Medium Access Control (MAC) and Physical Layer (PHY) Specifications	Panel 1

ITEM 7: CO-OPTION OF SH. AMARJEET KUMAR

- 7.1 The committee decided co-option of Sh. Amarjeet Kumar representing M/s Comminent Pvt Ltd instead of M/s Shrama Technologies.

ITEM 8: CO-OPTION OF ORGANIZATIONS IN VARIOUS PANELS

The committee agreed to nominate the following in the mentioned panels:

S. No.	Organization	Panel
1.	1. Sh. Suresh D – Sr manager , Renesas Bangalore 2. Sh. Pramod Kumar – Head application , Rabyte 3. Sh. Vikram Pochampally : Silicon Labs 4. Sh. Ravi Kumar : Edom 5. Sh. Narayan PS : Edom	Panel -1 (Last Mile Communication Protocol)
2.	National Institute of Urban Affairs: 1. Ms. Sheika Arora 2. Sh. Sushant Anand 3. Ms. Gautamai Ghumatkar 4. Ms. Aparajita Dubey	Panel -13 (Urban Domain Standards Panel)
3.	1. Sh. Padam Vijay: NIUA 2. Sh. Chandra Challagonda: Fiware Foundation 3. Sh. Jyotirmoy Dutta: IUDX	Panel-14 (Data Models Panel)

Further, the committee decided to allow the conveners of the respective panel to onboard new panel members.

ITEM 9: PROCESS REFORMS IN STANDARDIZATION ACTIVITY OF BIS

Presentation on above Topic was delivered by Member Secretary, LITD 28, the committee noted the information given during the presentation.

ITEM 10: DATE AND PLACE FOR THE NEXT MEETING

The committee decided to conduct the next meeting in hybrid mode. Further, it was decided to explore possibilities to conduct the meeting in MoU institute, on a mutually convenient date and in consultation with the chairperson.

ITEM 11: ANY OTHER BUSINESS

There being no other businesses, the meeting came to an end with the vote of thanks to the Chairman and all the participants for their active participation.