

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### LITD 28 : Smart Infrastructure

Scope: Standardization in the field of Smart Cities (Electro-technical and ICT aspects).

Liaison: **IEC TC- (P): SyC Smart Cities ISO/IEC TC- (P): Smart Cities**

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 18000 : 2020	Unified Digital Infrastructure - ICT Reference Architecture ( UDI-ICTRA )		-	Indigenous
2	IS 18002 (Part 1) : 2021	Unified Digital Infrastructure - Data Layer Part 1 Reference Architecture		-	Indigenous
3	IS 18003 (Part 1) : 2020	Unified Data Exchange Part 1 Architecture		-	Indigenous
4	IS 18003 (Part 2) : 2021	Unified Data Exchange Part 2 API specifications		-	Indigenous
5	IS 18003 (Part 3/Sec 1) : 2024	Unified Data Exchange Part 3 API Test Suites Sec 1: Resource Access Service		-	Indigenous
6	IS 18004 (Part 1) : 2021	IoT System Part 1 Reference Architecture		-	Indigenous
7	IS 18006 (Part 1) : 2021	Municipal Governance - Part 1 Reference Architecture		-	Indigenous
8	IS 18006 (Part 3/Sec 1) : 2021	Municipal Governance - Part 3 Property Tax - Section 1 Taxonomy		-	Indigenous
9	IS 18008 (Part 1) : 2021	Smart Cities- GIS Reference Architecture		-	Indigenous
10	IS 18010 (Part 1) : 2020	Unified Digital Infrastructure - Unified Last Mile Communication Protocols Stack Part 1 Reference Architecture ( UDI - ULMCPS - RA )		-	Indigenous
11	IS 18010 (Part 4/Sec 1) : 2022 IEEE Std 2857 - 2021 IEEE Std 2857 - 2021	Wireless Smart Utility Network Field Area Network (FAN) (Unified Digital Infrastructure Unified Last Mile Communication Protocols Stack Part 4 Network Access Interface Layer Section 1		-	Identical under dual numbering

		Specification)			
12	IS 18010 (Part 5/Section 1) : 2020	Unified Digital Infrastructure Unified Last Mile Communication Protocols Stack Part 5 Network Access Layer ( IEEE 802.15.4 ) Section 1 Specification		1	Indigenous
13	IS 802.15.9 : 2021 IEEE Std 802.15.9-20 IEEE Std 802.15.9-2016	Recommended Practice for Transport of Key Management Protocol KMP Datagrams		-	Identical under dual numbering
14	IS 802.15.4 : 2021 IEEE Std 802.15.4™-2 IEEE Std 802.15.4i½?2020	Low-Rate Wireless Networks		-	Identical under dual numbering
15	IS/ISO/IEC/IEEE 8802-1X : 2013 IEEE Std 802.1X-2010 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		-	Identical under single numbering
16	IS/ISO/IEC/IEEE 8802-11 : 2018 IEEE Std 802.11-2016 ISO/IEC/IEEE 8802 (Part 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		-	Identical under single numbering

### Standards under Development

#### Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	LITD 28 (24026)	Unified Data Exchange Part 4 Compliance Specifications Section 1 Catalogue Service

#### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
		Municipal Governance Part 6 Trade License Section 1 Taxonomy

1	LITD 28 (22601)	
2	LITD 28 (22602)	Municipal Governance Part 4 Fire No Objection Certificate NoC Section 1 Taxonomy
3	LITD 28 (22606)	Municipal Governance Part 5 Municipal Grievance Redressal Section 1 Taxonomy

### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	LITD 28 (21729)	Smart Cities - GIS Part 2 Self-Assessment of GIS Reference Architecture
2	LITD 28 (22596)	Municipal Governance Part 8 Building Plan Approval Section 1 Taxonomy
3	LITD 28 (22599)	Municipal Governance Part 7 Water and Sewerage Section 1 Taxonomy

**Total Published Standards:15 Total Standards Under development:7**

### Aspect Wise Report

Product : 0  
Code of Practices : 13  
Methods of Test : 1  
Terminology : 1  
Dimensions : 0  
System Standard : 0  
Safety Standard : 0  
Others : 1  
Service Specification : 0  
Process Specification : 0  
Unclassified : 0

### Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		

### Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
<i>No Records Found</i>		