भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS
मानक : पथप्रदर्शक :

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MINUTES

TECHNICAL COMMITTEE: LITD 14

DOCUMENT DESPATCH ADVICE	
Ref	Date
LITD 14/A-2.23	28-06-2023

All Members of LITD 14

TWENTY THIRD MEETING OF SOFTWARE AND SYSTEMS ENGINEERING SECTIONAL
COMMITTEE, LITD 14 AND ITS PANELS

Time	1100h-1330h Monday, May 29, 2023
Meeting link	https://bisindia.webex.com/bisindia/j.php?MTID=m0b28faf6713f056a7c105da411589945
Meeting ID	2514 927 5467
Password	Ltd14

Dear Sir(s),

Further to our Meeting of even number dated 29 May 2023, please find enclosed the MINUTES for the Twenty third Meeting of above referred Committee, LITD 14.

Comments, if any, related to recording of the minutes may please be communicated to the undersigned latest by 07 July 2023.

Thanking you,

Yours Sincerely,

Sd/-

Encl: As above

(Ashish Tiwari)
Scientist-D(Electronics & IT)
Email: litd@bis.org.in
Telefax:01123608501

BUREAU OF INDIAN STANDARDS
MINUTES

TWENTY THIRD MEETING OF SOFTWARE AND SYSTEMS ENGINEERING SECTIONAL COMMITTEE, LITD 14
IN JOINT SESSION WITH THE PANELS

Time	1100h-1330h Monday, May 29, 2023
Meeting link	https://bisindia.webex.com/bisindia/j.php?MTID=m0b28faf6713f05 6a7c105da411589945
Meeting ID	2514 927 5467
Password	Ltd14

<u>IN CHAIR</u>: 1Ms Nayana Pandit, TCS   <u>MEMBER SECRETARY</u>: 2 Shri Ashish Tiwari

Members Present:

3.	Anupam Agrawal	TCS
4.	Ms Gayathri Ekambaram	TCS
5.	Ms Leena Pradhan	TCS
6.	Ms Sharmila Mookerjee	TCS
7.	Ms Devi Nair	TCS
8.	Ms Preeti Kate	TCS
9.	Sh Jammalamadaka Prasad	TCS
10.	Sh Tabrez Muhammad	TCS
11.	Sh Sunish Cherian	TCS
12.	shilpu.kataria	TCS
13.	pranabesh.pramanik	TCS
14.	mary.praveena	TCS
15.	Ms Pooja Singh	NIC
16.	Sh Srikanth	NASSCOM
17.	Dr Kalpesh Parikh	ESDS
18.	Sh Sanjiv Agarwala	Oxygen Consulting
19.	Sh Ashwani kumar Sharma	TCS
20.	Sh Abhilash Varghese	Individual Capacity
21.	hrishikesh.karekar	Capgemini
22.	Ms Leena Sagar	Capgemini
23.	kulpreet.nanda	Capgemini
24.	kulbir.raina	Capgemini
25.	Sh Onkar Adwal	Individual Capacity
26.	Sh Ramesh Jain	Prozm
27.	Sh Deva Henry	BlueKei Solutions
28.	Ms Stueti Gupta	BlueKei Solutions
29.	Ms Usha Mohan	Individual Capacity
30.	Sh Ritesh Dhingra	Individual Capacity
31.	Sh Devansh Deolekar	BIS

ITEM 0 GENERAL

0.1 The Member Secretary welcomed all the members to the Twenty third meeting of LITD 14. He informed the committee regarding the activities of various Working Group under LITD 14 and briefed the committee about the plenary meetings of SC 7 and SC 40 scheduled to be held during June 2023. Due to the unavailability of chair, he requested Ms Nayana Pandit to chair the meeting.

ITEM 1 FORMAL CONFIRMATION OF THE MINUTES OF THE LAST MEETING

1.1 There being no comments from the members, the Committee formally confirmed the minutes of its last meeting held on 07 Nov 2022 held via webex.

ITEM 2 DRAFT INDIAN STANDARDS IN WIDE CIRCUATION

2.1 The member Secretary informed about the status of following draft standards which are in wide circulation. The last date of comments is 26 July 2023.

Sl No.	Document Number	IS Number and Title	Latest position	Title
1	LITD/14/21945	IS 16443	ISO/IEC DIS 25010	Systems and software engineering - Systems and software quality requirements and evaluation Square - System and software quality models
2	LITD/14/21946	IS 16456 : 2016	ISO/IEC 14764 : 2022	Software engineering - Software life cycle processes - Maintenance
3	LITD/14/21947	IS 16457 : 2020	ISO/IEC/IEEE FDIS 15288	Systems and Software Engineering - System Life Cycle Processes (First Revision)
4	LITD/14/21948	IS/ISO/IEC/TR 20000-5	ISO/IEC/TR 20000-5 : 2022	Information Technology - Service Management Part 5 Exemplar Implementation Plan for IS 20000-1
5	LITD/14/21949	IS/ISO/IEC 42010 : 2011	ISO/IEC/IEEE 42010 : 2022	Systems and Software Engineering - Architecture Description

The documents are currently in Wide circulation for comments. Members were requested to share their comments, if any. The comments received, if any will be discussed in the next LITD 14 meeting.

The committee also decided that if no comments are received, the comments are considered as finalized for printing.

ITEM 3 STATUS OF DATA MANAGEMENT PANEL (Panel 13)

3.1 In the absence of panel convener, Sh Anupam Agrawal briefed the committee about the work done by this panel so far. He informed that the panel is currently working on developing a standard for the Organizational Data Maturity Model and Assessment Framework. The purpose of this standard is to enable evaluation of data maturity of an organization using a maturity

model. The proposed standard will provide the methodology for evaluating the as-is maturity level of an organization objectively and identify the opportunities for improvement.

So far, this panel had more than 50 meetings and further the draft was circulated as P Draft for comments.

Sl No.	Document Number	Title	Last date for comments
1	LITD/14/13926	Information Technology - Adequacy of Organizational Data Governance and Management Practices	13 May 2023

The comments were received from NIC. The committee requested Panel 13 to discuss and resolve the comments. The committee requested panel 13 to invite NIC during comments disposition meeting.

Once the comments are discussed and draft is modified accordingly, the committee instructed member secretary to circulate the draft in wide circulation for a period of 2 months for comments.

The committee also appreciated the work done by this panel.

ITEM 4 STATUS OF THINK TANK AND COMMUNICATION PANEL (Panel 14)

4.1 The member secretary informed that this Panel was constituted to rejuvenate and co-opt more members from Industry in Standardization work. The title and scope of the panel is given below:

LITD 14/Pane 14 : Think-Tank and Communication Panel
 Scope : To carry out the following tasks:
a) To identify Indian IT Industry needs
b) To strengthen India's participation in JTC 1/SC 7 and SC 40
c) Determination of Positions/Submissions of POV on Key Matters along with required stakeholders
d) Avenues for creation of Indian Standards which can be potentially taken to ISO Forum
e) Broad-basing Participation and inclusion of Key Standardization Bodies in LITD Committees including IEEE, PMI, INCOSE on an on-going basis
f) Identification of Key Experts Participation in AGs, AHGs and WGs of JTC 1/SC 7
g) Evaluate Mechanisms adopted by other NBs

Ms Nayana Pandit, Panel Convener briefed the committee about the work done by this panel. She informed that this panel organized an orientation session for new members (Mar-May 2023) in LITD 14 and also conducted a workshop in Agile manner (21 and 28 March 2023) to identify new proposals from India in JTC 1/SC 7.

Sh Hrihikesh Karekar, Capgemini updated the committee about the workshop organized by Panel 13 and also highlighted the new areas identified as a result of this workshop. As a result of this workshop, following new work items were identified by panel member which are submitted as a proposal from India in JTC 1/SC 7.
a) Creation for an adhoc on Green Software (Proposed Convener – Anupam Agrawal)

b) Creation of an adhoc on AI based Software development (Proposed Convener – Sridhar Chimalakonda)

There is also a proposal on Open-API and Interoperability Standards under consideration.

The committee discussed these proposals and approved the same to be put up as an agenda item in JTC 1/SC 7. The committee requested members to identify experts for these adhocs, if created by SC 7.

ITEM 5 ACTIVITIES OF PANELS OF LITD 14 VIS-À-VIS PLENARY MEETINGS OF SC 7 and SC 40

5.1 The member secretary informed about the following major issues which will be discussed during the upcoming SC 7 Plenary Meetings. Further, Member Secretary provided details on the SC 7 Plenary agenda as given below:
   a) NP from India in AI – Verification and Validation in AI systems(in JWG2)
   b) Adhoc on AI Based Software Development
   c) Adhoc on Digital Engineering
   d) New Convener for SC 7/WG 42 and WG 30
   e) New Proposals

5.2 Following LITD 14 Panel Conveners presented the work in progress in their respective panels.

Sl No.	New Panel No.	Title	Convener
1	LITD14/Panel 1	System software documentation	Ms. Usha Mohan
5	LITD14/ Panel 5	IT Asset Management	Mr. Ramesh Jain
7	LITD14/ Panel 7	IT Governance	Sh Sanjiv Agarwala
8	LITD14/ Panel 8	IT Service Management	Mr Kulpreet Nanda
10	LITD14/ Panel 10	Agile	Ms. Gayathri Ekambaram
11	LITD14/ Panel 12	DevOps	Ms Sharmila Mookherjee

In absence of Panel convener, member secretary gave the updates about the work of the following panels:

Sl No.	New Panel No.	Title
1.	LITD14/ Panel 3	Evaluation and Metrics
2.	LITD14/ Panel 4	Life cycle management
3.	LITD14/ Panel 6	Architecture
4.	LITD14/ Panel 9	ITeS-BPO

5.2 JTC 1/SC 40 IT SERVICE MANAGEMENT AND IT GOVERNANCE

The member secretary informed about the following important issues which were discussed during SC 40 Plenary and WG Meetings during June 2023.
   a) Revision of ISO/IEC 30105 series IT enabled Services - BPO

a) ISO/IEC PWI TS 20000-15 – Information Technology – Service Management – Part 15 -- Guidance on the application of Agile and DevOps principles in a service management system
b) ISO/IEC WD TS 38508 Information Technology — Governance of IT — Governance Implications of the Use of Shared Digital Service Platform among Ecosystem Organizations
c) Information technology — IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 9: Guidelines on maturity assessment to support digital transformation
d) NWIP on Service Integration and Management

ITEM 6 PRESENT POSITION OF WORK OF LITD 14

6.1 The committee noted the present position of work of   LITD 14 as given in **Annex 3** of the agenda. The committee discussed the status of various Indian standards as given in **Item 6.2** of the agenda and decided as follows:

Sl No.	IS Number	Title	Latest position of corresponding Int. Standards	Decision of the committee
1	IS 12373 : Part 2	Basic reference model of open systems interconnection for information processing systems: Part 2 Security architecture	ISO 7498-2 : 1992	Decided to reaffirm this standard
2	IS 12373 : Part 4	Basic reference model of open systems interconnection for information processing systems: Part 4 management framework	ISO 7498-2 : 1989	Decided to reaffirm this standard
3	IS 13707 : Part 1	ReliABle transfer in text communication for information processing systems: Part 1 model and service definition	ISO/IEC 9066-1: 1989	Decided to reaffirm this standard. The standard is also recommended to be archived
4	IS 13707 : Part 2	ReliABle transfer in text communication for information processing systems: Part 2 protocol specification	ISO/IEC 9066-2: 1989	Decided to reaffirm this standard. The standard is also recommended to be archived

ITEM 7 COMPOSITION OF LITD 14

7.1 The committee noted the composition as given in the agenda. The committee requested members for suggesting nominations for panels where we are lacking participation particularly in WG 24, 26 and WG 10.

7.2 The committee recommended to withdraw following members due to inactive participation:

a) Cognizant Technologies Ltd
b) IIIT Hyderabad

7.3 Based on the requests received, the committee decided to request following members to express their interst for the corresponding LITD 14 panel where they would like to contribute:
a) Sh Gautam Singh, Matrix
b) Sh Madhusudan Rao, ARM
c) Sh Manish Kumar, Infosys

ITEM 8 INTERNATIONAL WORK

8.1 The committee noted the information as given in **Item 8** of the agenda. The committee requested members to identify the important ISO/IEC standards which may be taken up for adoption as Indian standard.

8.2 The committee decided to nominate following experts in ISO GD for the corresponding WGs:

Sl No.	ISO WGs	Expert to be nominated
1	JTC 1/SC 7 Software and Systems Engneering	Hrishikesh Karekar, Capgemini Dr Anand Kumar, TCS
2	SC 7/AHG 6 Digital Engineering	Ms Stueti Gupta, BlueKei Solutions
3	SC 7/WG 29 Agile and DeVops	Sharmila Mookerjee, TCS Leena Pradhan, TCS Archan Ghosh, TCS Pranabesh Pramanik, TCS Muhammad Tabrez, TCS
4	SC 7/WG 26 Software Testing	Mary Praveena, TCS
5	SC 7/WG 10 Process Assessment	Anirban Bhattacharya, TCS
6	SC 7/WG 30 System Resilience	Hrishikesh Karekar, Capgemini
7	JTC 1/SC 40 IT Service Management and IT Governance	Kulpreet Nanda, Capgemini

8.3 Next plenary meetings of JTC 1/SC 7 and SC 40

The member secretary informed the members about the schedule of plenary meetings of SC 7 and SC 40. The committee approved the following Indian Delegation from BIS for these meetings:

Sl No.	Meeting and Title	Date	Delegates
1.	SC 7/AG 1 Chair's Advisory Group	04 & 08 June 2023	Dr Sundeep Oberoi Reena Garg Ashish Tiwari

			Anupam Agarwal Nayana Pandit
2	SC 7 Plenary	05 & 09 June 2023	Dr Sundeep Oberoi Reena Garg Ashish Tiwari Anupam Agarwal Nayana Pandit
3	SC 7/AG 3 Outreach	07 June 2023	Anupam Agarwal
4	SC 7/AG 5 Future Watch	07 June 2023	Padma Ramesh (virtually)
5	SC 7/ AG 4 Standards Management Group	06 & 08 June 2023	Padma Ramesh (virtually)
6	SC 7/WG 2 User Documentation	05-08 June 2023	Usha Mohan (virtually)
7	SC 7/WG 4 Tools and Environment	05-08 June 2023	Dr Sridhar Chimalakonda (virtually)
8	SC 7/WG 7 Life cycle Management	05-08 June 2023	Nayana Pandit
9	SC 7/WG 29 Agile and DevOps	05-08 June 2023	Hrishikesh Karekar Gayathri Ekambaram
10	SC 7/WG 42 Architecture	05-08 June 2023	Padma Ramesh (virtually) Anand Kumar
11	JTC 1/SC 40 IT Service Management and IT Governance	05-09 June 2023	Dr Gargi Keeni Sh Sanjiv Agarwala(Virtually)
12	JTC 1/SC 40/WG 1 IT Governance	05-09 June 2023	Dr Gargi Keeni Sh Sanjiv Agarwala (Virtually)
13	JTC 1/SC 40/WG 2 IT Service Management	05-09 June 2023	Sh Sumit Jha, Individual Capacity (Virtually) Ms Devi Nair, TCS (Virtually) Sh G Mayil Muthu Kumaran (Virtually)
14	JTC 1/SC 40/WG3 ITeS-BPO	05-09 June 2023	Ms Chitra Natarajan (Virtually)

Further, BIS will also circulate the details about these meetings to all the members. Interested members may inform the same to BIS at the earliest. Further, the committee decided to nominate Ms Nayana Pandit, TCS as the Head of the Delegation in upcoming JTC 1/SC 7 Plenary meetings from India. The committee also decided to nominate Sh Sanjiv Agarwala, Oxygen Consulting as the Head of the Delegation in upcoming JTC 1/SC 40 Plenary meetings from India.

ITEM 9 INFORMATION ON E-SALE OF STANDARDS BY BIS

9.1 The committee noted the information as given in the agenda.

ITEM 10 NATIONAL INSTITUTE FOR TRAINING IN STANDARDISATION (NITS)

The committee noted the information as given in the agenda.

ITEM 11 MANAKONLINE

The committee noted the information as given in the agenda.

ITEM 12 PROCESS REFORMS IN STANDARDIZATION ACTIVITY OF BIS

The Member Secretary presented the new Process Reforms in Standardization Activity of BIS to the committee as mentioned below.

➢ Rolling Action plan for the year 2023-24

➢ Annual calendar of LITD 14 meetings

➢ Research projects to be taken up for inclusion of empirical data and insights

➢ Closer examination of the new work item proposals received from ISO/IEC

➢ Measures to ensure effective participation by the Indian experts at ISO/IEC levels

➢ National and International events to be participated

➢ Scientific journals and periodicals to be subscribed

➢ Creation of pool of experts

ITEM 13 DATE AND PLACE FOR THE NEXT MEETING

13.1 The members suggested to have the next meeting in the month of Oct 2023. It was decided to fix the exact date for the next meeting in consultation with the Chairman.

ITEM 14 ANY OTHER BUSINESS

14.1 There being no business left, the meeting ends with a vote of thanks to the chair.