



MINUTES

DOCUMENT DESPATCH ADVICE

TECHNICAL COMMITTEE: LITD 14

Ref	Date
LITD 14/A-2.27	30 Sep 2024

All Members of LITD 14

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

Conference Room, ADCPS, IIT Bombay, Powai, Mumbai

Time	1030h-1330h Friday, September 20, 2024
Meeting link	<a href="https://bismanak.webex.com/bismanak/j.php?MTID=mabf38d380e90dd565f19e14b23ca73b4">https://bismanak.webex.com/bismanak/j.php?MTID=mabf38d380e90dd565f19e14b23ca73b4</a>
Meeting ID	<b>2510 613 0224</b>
Password	<b>litd22M27</b>

Dear Sir(s),

Further to our Meeting of even number dated 20 Sep 2024, please find enclosed the MINUTES for the Twenty Seventh 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 03 Oct 2024.

Thanking you,

Yours Sincerely,

Sd/-

Encl: As above

(Ashish Tiwari)  
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**BUREAU OF INDIAN STANDARDS**  
**MINUTES**

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

Conference Room, ADCPS, IIT Bombay, Powai, Mumbai

Time	1030h-1330h Friday, September 20, 2024
Meeting link	<a href="https://bismanak.webex.com/bismanak/j.php?MTID=mabf38d380e90dd565f19e14b23ca73b4">https://bismanak.webex.com/bismanak/j.php?MTID=mabf38d380e90dd565f19e14b23ca73b4</a>
Meeting ID	<b>2510 613 0224</b>
Password	<b>litd22M27</b>

IN CHAIR: 1Dr Sundeep Oberoi, IIT Bombay MEMBER SECRETARY: 2 Shri Ashish Tiwari

Members Present:

	<b>Name</b>	<b>Organization</b>	<b>Mode</b>
3.	Dr Sundeep Oberoi	IIT Bombay	Face to Face
4.	Sh. Sridhar Sukumar	Accenture, Bengaluru	Virtual
5.	Sh. Amit Barnawal	Cognizant Solutions, Gurugram	Virtual
6.	Sh. Srikanth Srinivasan	NASSCOM, Noida	Virtual
7.	Ms Pooja Singh	National Informatics Centre, New Delhi	Virtual
8.	Sh. Nitish Kumar	STQC	Virtual
9.	Sh. Anupam Agrawal	TCS, Mumbai	Face to Face
10.	Ms Nayana Pandit	TCS, Mumbai	Face to Face
11.	Ms Usha Mohan	In Personal Capacity	Virtual
12.	Dr Gargi Keeni	In Personal Capacity, Kolkata	Virtual
13.	Sh. Nitin Sharma	SESEI, New Delhi	Virtual
14.	Dr Deva Henry	In Personal Capacity	Virtual
15.	Ms Sailaja Parthasarathy	P2 - Intel India, Bengaluru	Virtual
16.	Sh. Ramesh Jain	P5 - Paras Training Universe, Mumbai	Face to Face
17.	Sh. Onkar Adwal	P5 - In Personal Capacity	Virtual
18.	Sh. Sumit Jha	P8 - In Personal Capacity	Virtual
19.	Smt. Gayathri Ekambaram	P10 - TCS ,Mumbai	Virtual
20.	Sh. Gorakshnath Thorat	P10 - TCS ,Mumbai	Virtual
21.	Sh. Archan Ghosh	P12 - TCS ,Mumbai	Virtual
22.	Sh. Pranabesh Pramanik	P12 - TCS ,Mumbai	Virtual
23.	Sh. Muhammad Tabrez	P12 - TCS ,Mumbai	Virtual
24.	Dr. Neha Sharma	P13 -TCS ,Mumbai	Virtual
25.	Ms.Purnima Rohilla	IIT Bombay	Face to Face
26.	Sh. Vikram Merani	TCS, Mumbai	Face to Face

27.	Sh. JVRS Prasad	TCS, Hyderabad	Face to Face
28.	Sh. Shilpu Kataria	TCS, Mumbai	Face to Face
29.	Sh. Shashank yadav	IIT Bombay	Face to Face
30.	Sh. Deepesh Shah	TCS, Mumbai	Virtual
31.	Sh. Sanjiv Agarwala	P7 – In Personal Capacity	Virtual
32.	Dr.Sushma Verma	DRDO	Virtual

33. Ms Reena Garg, Head (LITD, BIS (Face to Face)

## **ITEM 0 GENERAL**

**0.1** The Member Secretary welcomed all the members to the Twenty seventh meeting of LITD 14. He congratulated committee members for the publication of 2 important standards, IS 18838 ‘Adequacy of Data Governance and Data Management practices; and ISO/IEC 33202 ‘Core Agile Practices’ which is based on IS 17548. He informed about the 4<sup>th</sup> leadership position acquired by India which is SC 40/WG 1 Convenership by Mr Sanjiv Agarwala and stressed upon the need of identifying more experts for key projects in SC 7 and SC 40.

**0.2** Ms Reena Garg, Head (LITD) welcomed members and thanked Dr Sundeep Oberoi and IIT Bombay for hosting this meeting. She informed about the recent initiatives taken up by BIS and how BIS will support the experts involved in leadership position. She presented the list of eighteen important projects initiated by SC 7 and SC 40 (given in Annex A) and requested members to identify experts for these projects who can review, participate and provide comments from India on regular basis. She then requested LITD 14 chair to provide his welcome address.

**0.3** Dr Sundeep Oberoi extended warm welcome to all the members present and requested all the members for their effective and constructive contribution in standardization activities of the committee. He informed about the current projects in SC 7. He congratulated members for the publication of IS 18838 and seeks guidance for wider implementation of this standard by various organizations. He emphasized on taking a strategic direction at International Level and informed the committee about the BIS research project scheme. He then requested member secretary to carry on with the Agenda items.

## **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 23 April 2024 held in Hybrid Mode at BIS Hqrs, New Delhi.

## **ITEM 2 DRAFT INDIAN STANDARD IN WIDE CIRCULATION**

**2.1** The member secretary informed about the following draft standards which were circulated in wide circulation:

Sl No.	Doc No.	ISO/IEC No.	Title
1	LITD/14/25192	ISO/IEC 38500:2024	Information technology Governance of IT for the organization
2	LITD/14/25193	ISO/IEC TS 30105-6:2021	Information technology IT Enabled Services-Business Process Outsourcing ITES-BPO lifecycle processes Part 6: Guidelines on risk management
3	LITD/14/25194	ISO/IEC TR 30105-7:2019	Information technology IT Enabled Services-Business Process Outsourcing ITES-BPO lifecycle processes Part 7: Exemplar for maturity assessment
4	LITD/14/25197	ISO/IEC 30105-8 : 2022	Information technology -IT Enabled Services-Business Process Outsourcing ITES-BPO lifecycle processes Part 8: Continual performance improvement CPI of ITES-BPO
5	<a href="#">LITD/14/25198</a>	<a href="#">ISO/IEC TS 30105-9:2023</a>	IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes Part 9: Guidelines on extending process capability assessment for digital transformation
6	<a href="#">LITD/14/26055</a> IS/ISO/IEC 30105 : Part 4: 2016	<a href="#">ISO/IEC 30105-4: 2022</a>	IT Enabled Services - Business Process Outsourcing (ITES-BPO) Part 4 Key concepts (First Revision)
7	<a href="#">LITD/14/26057</a> IS 13394: 2021	<a href="#">ISO/IEC 26514 : 2022</a>	Systems and software engineering - Requirements for designers and developers of user documentation (Second Revision)

The member secretary informed that the last date of comments was 08 September 2024 and no comments have been received. Moreover, the Indian experts were involved in the development of these standards and the ISO/IEC 30105 series was proposed by India in SC 40.

There being no comments, the committee decided to finalize and approve the drafts for printing.

### ITEM 3 NEW WORK ITEM PROPOSALS

Following New Work Item Proposals were discussed during the meeting:

#### a) DRDO proposal for Software development and testing standard for defence sector

Dr Sushma Verma, Scientist 'F' DRDO presented the proposal for development of an integrated Indian standard Software development and testing for defence sector. She informed the defence has many critical systems due to which the defence requirements are different from other regular applications. The proposal addresses the shortcomings of IEEE/Current standards and combines the

best practices of multiple International Standards and various guidelines. This document is already published as JSG 1042 (Joint Services Guidelines). The important parameters in this document are:

- a. Criterion for determination of criticality and complexity of software.
- b. Latest development methodologies such as agile, dev-ops and formal methods,
- c. Software Planning processes, software development lifecycle processes along with input and output of each phase of SDLC, traceability, support processes such as software configuration management process, accomplishment summary, certification process, robust review practices, SQA and IV&V activities.
- d. Includes post development processes such as software installation process, operation process disposal,
- e. It also includes miscellaneous processes for tools and test rigs, previously developed software, Commercial off-the-shelf software, field loadable software, transfer of technology etc.
- f. Checklist for all stages of software development life cycle including predevelopment activities and post development activities.
- g. Guidelines for secure development in the form of SEI CERT C/ CERT C++ rules for writing secure and reliable code with an emphasis on avoiding common programming errors that can lead to security vulnerabilities and CWE (common weakness enumeration) that lists common software security weaknesses are also referred in the guidelines.
- h. Guidelines for development of complex electronic (FPGA) based design.
- i. Software certification Process.
- j. Tailoring guidelines according to the criticality and complexity of software.
- k. Guidelines for usage of open source software.
- l. Object Oriented Design Guidelines.
- m. Secure Development Guidelines.
  - i. Checklist of SEI CERT Rules for secure coding
  - ii. SET CERT C++ rules for Secure Coding.
  - iii. CWE Rules
- n. Documentation and verification activities required for various criticality levels in accordance with tailoring guidelines.
- o. Mapping with existing standards such as DO 178B/C, ISO 12207:2017
- p. Compliance audit process along with checklist.

As was decided during the last meeting, an Industry consultation was done on 30 July 2024 seeking Industry views on the draft, however, Industry members couldn't provide their views as they didn't have clarity over the content of the draft. The committee felt the need of Industry view point to be taken into consideration before moving further.

The committee decided to create a Working Group for a period of 6 months with following terms of reference:

- A) To take industry views on the draft.
- B) To organize a virtual workshop providing as opportunity to industry providing comments.
- C) To convert the draft in IS 12 format and move the informative part to annexure.

The proposed WG will be convened by Dr Sushma Verma, DRDO. BIS will send a call for nomination to all Industry members for a period of 10 days.

Based on the WG recommendation, further decision will be taken.

## b) DevOps Standard (Panel 12)

The member secretary informed that the draft submitted by Panel 12 on DevOps- Principles and Practices have been circulated as P Draft for comments as per the details given below:

SI. No.	Doc No	TITLE
1	LITD 14 (26406)	Software and Systems Engineering DevOps - Principles and Practices

Sh Pranabesh briefed the committee about the status of the draft. This standard will provide the practices and maturity model for implementing DevOps to deliver secure and quality products and increase the speed to market with frequent/on demand releases. The proposed standard will cover the following practices:

- i. Continuous Planning
- ii. Configuration Management
- iii. Continuous Integration
- iv. Continuous Testing
- v. Continuous Delivery
- vi. Continuous Deployment
- vii. Continuous Monitoring
- viii. Continuous Experimentation

The committee requested members to provide comments on the P Draft by due date. The comments will be discussed by Panel 12 for disposition. The updated draft will be circulated in wide circulation for comments for a period of 2 months.

The committee also suggested Panel 12 to consider proposing this standard in SC 7/WG 29 meeting which is scheduled to be held in May /June 2025.

## c) Single MSS Standard for ITeS-BPO

The member secretary briefed the committee about the status of the proposal and requested Sh Sridhar Sukumar to inform the discussion held during SC 40 meeting. Currently, an organization is required to follow multiple MSS standard like ISO 9001, 27001, 20000, 14001, 22301 etc. The management of these standards introduces complexity and costs to the standard processes and client requirements, exacerbated by distinct teams overseeing different standards. In order to streamline the various requirements pertaining to these varied MSS, Sh Sridhar proposed to develop a single Management Systems Standard.

The proposal was discussed in SC 40 and not much support was received considering the pushbacks from certain subcommittees and National Bodies.

The committee supported the need for a single MSS standard and it was proposed to take this proposal directly at JTC 1 level rather than one of its subcommittee. Based on the discussion, the committee requested Sh Sridhar Sukumar to provide the following:

- a) National Body Contribution for a single MSS Standard to be taken up in JTC 1
- b) First Draft of a Single MSS Standard to be taken by in LITD 14 for development as Indian Standard.

The committee assigned the above task to Panel 9. The committee requested Sh Sridhar Sukumar to suggest inactive members for removal and new members for co-option.

The committee thanked Sridhar ji for this contribution.

#### **ITEM 4 ACTIVITIES OF PANELS OF LITD 14 VIS-À-VIS PLENARY MEETINGS OF SC 7 and SC 40**

**4.1** The member secretary informed about the status of various panels under LITD 14 and requested panel conveners to conduct regular panel meeting informing BIS. The list of the current panels under LITD 14 is given below:

<b>Sl No.</b>	<b>New Panel No.</b>	<b>Title</b>	<b>Convener</b>
1	LITD14/Panel 1	System software documentation	Ms. Usha Mohan
2	LITD14/ Panel 2	Tools and Environment	Dr Sridhar Chimalakonda
3	LITD14/ Panel 3	Evaluation and Metrics of Software Products and Processes	Mr. Vijay Krishnamoorthy
4	LITD14/ Panel 4	Life cycle management	Dr Anand Kumar
5	LITD14/ Panel 5	Software Asset Management	Mr. Ramesh Jain
6	LITD14/ Panel 6	Architecture	Dr Anand Kumar
7	LITD14/ Panel 7	IT Governance	Mr. Sanjiv Kumar Agarwala
8	LITD14/ Panel 8	IT Service Management	Mr Kulpreet Nanda
9	LITD14/ Panel 9	ITeS-BPO	Mr. Sridhar Sukumar
10	LITD14/ Panel 10	Agile	Ms. Gayathri Ekambaram
11	LITD14/ Panel 12	DevOps	Ms Sharmila Mookherjee
12	LITD14/ Panel 13	Data Management Panel	Dr Sundeep Oberoi
13	LITD14/ Panel 14	Think-Tank and Communication	Ms. Nayana Pandit

**4.2** The necessary updates by various panel conveners is given below:

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

**4.2.1** Ms. Usha Mohan Convener Panel 1 gave the presentation on ongoing work in SC 7/WG2. Ms. Usha Mohan is the Co-Editor of ISO/IEC 26513. Panel 1 recommended to adopt ISO/IEC 23026 as Indian Standard.

**4.1.2** In absence of Panel 2, 3 and 4 Convener, the updates of Panel activities could not be done.

**4.1.4** Sh Ramesh Jain updated the committee about the work of Panel 5. He informed about the status of ISO/IEC 19770-5 and the new proposed standard on ISO/IEC 19770-13.

**4.1.5** Dr. Anand Kumar Convener of 6 sent the updates. However, in absence of Panel 6 Convener, the same could not be presented.

**4.1.7** Sh Sanjiv Agarwala gave the updates on Panel 7. He informed about the status of ISO/IEC 38501, ISO/IEC 38505-1 and ISO/IEC 38509 and seek more experts to work towards developing these standards. He informed that he has recently been elected as the convener of SC 40/WG 1 and seeks BIS support to participate in upcoming meeting of SC 40/WG 1 at Delft, Netherlands during 4-8 Nov 2024.

**4.1.8** In absence of Panel 8 Convener, the updates of Panel activities could not be done.

**4.1.9** The committee discussed the activities of Panel 10, Agile. It was informed that the panel is currently under the discussion of proposing new parts of Agile standards (IS 17548).

**4.1.10** It was informed that Panel 11 has proposed the 1<sup>st</sup> DevOps standard which was already discussed as part of SI no. c) of Agenda Item 3. It was suggested to consider proposing LITD 14 (26406) to SC 7/WG 29 during the June 2024 meeting of JTC 1/SC 7. Further, Dr Oberoi requested DevOps panel to consider situations where development and operations may be happening in different organizations so that it is important to see how CrowdStrike type incidents can be prevented.

**4.1.11** Dr Sundeep Oberoi briefed the committee about the future plans of Panel 13 which has already published IS 18838 'Adequacy of Data Management Practices'. The panel is currently under discussion to promote this standard and to develop the implementation guidelines so as to ensure its implementation by the Industry.

**4.1.12** Ms Nayana Pandit briefed about Panel 14 Think Tank Panel. The Panel 14 is currently under discussion of initiating promotion activities for LITD 14 so as to bring new experts in SC 7 and Sc 40 WGs.

## **ITEM 5 PRESENT POSITION OF WORK OF LITD 14**

**5.1** 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 5.2** of the agenda and decided as follows:

SI No.	IS Number and Title	Equivalent International Standard	Latest position of corresponding Int. Standards	Decision of the committee
1.	IS/ISO/IEC 30105-1 : 2016 Information Technology - IT Enabled Services -	ISO/IEC 30105-1 : 2016	ISO/IEC 30105- 1 : 2024	Committee decided to circulate the draft in wide circulation for a



	Business Process outsourcing (ITES-BPO) Lifecycle Processes Part 1 Process Reference Model (PRM)			period of 2 months
2.	IS/ISO/IEC 30105-2 : 2016 Information Technology - IT Enabled Services - Business Process Outsourcing (ITES - BPO) Lifecycle Process Part 2 Process Assessment Model (PAM)	ISO/IEC 30105-2 : 2016	ISO/IEC 30105-2 : 2024	Committee decided to circulate the draft in wide circulation for a period of 2 months
3.	IS/ISO/IEC 30105-3 : 2016 Information Technology - IT Enabled Services - Business Process Outsourcing (ITES - BPO) Lifecycle Processes Part 3 Measurement Framework (MF) and Organization Maturity Model (OMM)	ISO/IEC 30105-3 : 2016	ISO/IEC 30105-3 : 2024	Committee decided to circulate the draft in wide circulation for a period of 2 months
4.	IS/ISO/IEC 30105-5 : 2016 Information Technology - IT Enabled Services Business Process Outsourcing (ITES - BPO) Lifecycle Processes Part 5 Guidelines	ISO/IEC 30105-5 : 2016	ISO/IEC 30105-5 : 2024	Committee decided to circulate the draft in wide circulation for a period of 2 months

## ITEM 6 COMPOSITION OF LITD 14

**6.1** The committee noted the composition as given in the agenda. The committee requested panel conveners to provide the updated Panel composition to BIS (after removing the inactive members). The committee decided to co-opt following organizations as members (subject to their acceptance):

- a) Infosys technologies
- b) Wipro technologies
- c) Cognizant technologies
- d) Defence Standardization Cell, Ministry of Defence

**6.2** Based on the request of Sh Sanjiv Agarwala, the committee decided to change the participation of Sh Sanjiv Agarwala from Oxygen consulting to Individual Capacity. It was also decided to co-opt Sh Sanjiv Agarwala (In Individual Capacity) as member in LITD 14.

## ITEM 7 INTERNATIONAL WORK

**7.1** The committee noted the information as given in **Item 7** of the agenda. The committee decided to circulate following International standard in wide circulation for a period of 2 months for comments:

a) ISO/IEC 23026 : 2023 Systems and software engineering — Engineering and management of websites for systems, software and services information

Reason : This standard was led by India in JTC 1/SC 7 (Project Editor : Ms Usha Mohan).

This standard will help website developers to maintain and record necessary information.

## **7.2 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 as given below:

Committee	English title	Type	Start local date	End local date	Country	City
ISO/IEC JTC 1/SC 7	Software and systems engineering	Virtual	02 Dec 2024 00:00 IST	06 Dec 2024 23:59 IST		
ISO/IEC JTC 1/SC 40/CAG 1	Chair's Advisory Group	Virtual	21 Nov 2024 02:30 IST	21 Nov 2024 04:30 IST		
ISO/IEC JTC 1/SC 7/WG 42	Architecture	Hybrid	11 Nov 2024 05:30 IST	16 Nov 2024 05:29 IST	United Kingdom	London
ISO/IEC JTC 1/SC 7/WG 6	Software Product and System Quality	Hybrid	10 Nov 2024 04:30 IST	16 Nov 2024 04:29 IST	Italy	Roma
ISO/IEC JTC 1/SC 40/WG 2	Service management – Information technology	Hybrid	04 Nov 2024 04:30 IST	09 Nov 2024 04:29 IST	Netherlands	Delft
ISO/IEC JTC 1/SC 7/WG 26	Software testing	Face-to-Face	04 Nov 2024 04:30 IST	09 Nov 2024 04:29 IST	Belgium	Brussel
ISO/IEC JTC 1/SC 40/WG 3	IT-enabled services / Business process outsourcing	Face-to-Face	04 Nov 2024 04:30 IST	09 Nov 2024 04:29 IST	Netherlands	Delft
ISO/IEC JTC 1/SC 40/WG 1	Governance of Information Technology	Hybrid	04 Nov 2024 04:30 IST	09 Nov 2024 04:29 IST	Netherlands	Delft
ISO/IEC JTC 1/SC 7/AHG 9	AI-based software development	Virtual	01 Nov 2024 11:00 IST	01 Nov 2024 15:30 IST		
ISO/IEC JTC 1/SC 7/WG 2	System software documentation	Hybrid	22 Oct 2024 03:30 IST	25 Oct 2024 03:29 IST	Italy	Roma
ISO/IEC JTC 1/SC 40/WG 3	IT-enabled services / Business process outsourcing	Virtual	15 Oct 2024 18:30 IST	15 Oct 2024 20:30 IST		
ISO/IEC JTC 1/SC 40/CAG 1	Chair's Advisory Group	Virtual	09 Oct 2024 10:30 IST	09 Oct 2024 12:30 IST		
ISO/IEC JTC 1/SC 7/AG 3	Communications and outreach	Virtual	08 Oct 2024 18:30 IST	08 Oct 2024 19:30 IST		
ISO/IEC JTC 1/SC 7/AHG 10	Green software	Virtual	25 Sep 2024 18:30 IST	25 Sep 2024 20:00 IST		
ISO/IEC JTC 1/SC 7/AHG 9	AI-based software development	Virtual	17 Sep 2024 10:30 IST	17 Sep 2024 12:30 IST		
ISO/IEC JTC 1/SC 7/AG 2	Business planning group	Virtual	05 Sep 2024 18:30 IST	05 Sep 2024 20:00 IST		

ISO/IEC JTC 1/SC 7/AHG 10	Green software	Virtual	04 Sep 2024 18:30 IST	04 Sep 2024 19:30 IST
ISO/IEC JTC 1/SC 7/AG 3	Communications and outreach	Virtual	03 Sep 2024 18:30 IST	03 Sep 2024 19:30 IST

The committee approved the following Indian Delegation from BIS for upcoming SC 7 and SC 40 Interim meetings:

- 1) JTC 1/SC 7 ‘Software and System Engineering’ plenary meetings (Oct-Dec 2024)

JTC 1/SC 7 ‘Software and System Engineering’ Interim meetings

- a. Dr Sundeep Oberoi, Individual Capacity - SC 7 Chair (Virtually)
- b. Sh Anupam Agrawal, TCS - SC 7/AG 3 Convener(virtually)
- c. Dr Deva Henry, Individual Capacity – SC 7 (virtually)
- d. Ms Reena Garg, BIS - SC 7 Committee Manager(virtually)
- e. Dr Anand Kumar, TCS - SC 7 Plenary (virtually), WG 7, 29 (virtually)and WG 42(F2F)
- f. Ms Stueti Gupta (SC 7 Plenary, SC 7/WG 42 Virtually)
- g. Sh Ashish Tiwari, BIS - SC 7 Plenary (Virtually)
- h. Dr Sridhar Chimalakonda (SC 7/WG 4 and SC 7/AHG 9 virtually)
- i. Ms Nayana Pandit, TCS (WG 30, WG 29, SC 7 Plenary virtually)
- j. Sh Amit Baranwal, Cognizant (SC 7 Plenary virtually)

- 2) JTC 1/SC 40 ‘IT Service management and IT Governane’ Interim meetings (4-8 Nov 2024)

- a. Sh Sanjiv Agarwala, Individual Capacity (SC 40/WG 1 Convener) (under BIS fund)
- b. Dr Devi Nair, TCS (SC 40/WG 2 Virtually)
- c. Sh Kulpreet Nanda, Capgemini (SC 40/WG 2 virtually)
- d. Ms Chitra Natarakan, TCS (SC 40/WG 3 virtually)

**7.2** The committee decided to remove following members from ISO GD due to their inactive participation :

<b>Working Group</b>	<b>Expert Nominated</b>
JTC 1/SC 7	Mr M.V. Padmanabhayya , STQC
SC 7/AG 1 Chair’s Advisory Group	Mr Ramesh Jain , Paras Training Universe Sh Ashwath Patil, Individual Capacity
SC 7/AHG 10 Green Software	Ms Nayana Pandit , TCS
JTC 1/SC 7/WG 4 Tools and Environment	Ms.Shital Engineer, TCS
JTC 1/SC 7/WG 6 Evaluation and Metrics of Software Products and Processes	Dr Jayakumar, Individual Capacity
JTC 1/SC 7/WG 7 Life cycle management	Ms Nayana Pandit, TCS N Swaminathan, TCS Mr MV Padmanabhayya, STQC

JTC 1/SC 7/WG 10 Process assessment	Mr Rajesh Ganji, Wabco India Mr .Hariharan, Cognizant Mr MV Padmanabhayya, STQC
JTC 1/SC 7/WG 26 Software testing	Mr Deepu Chandra, LDRA Rajesh Punjabi, TCS
JTC 1/SC 7/WG 29 Agile and Devops	Mr Sunil Reddy, Individual Capacity Ms Sailaja Parthasarathy, Intel
JTC 1/SC 40 IT service management and IT Governance	Ms Sujatha Kumaraswamy, Individual Capacity
JTC 1/SC 40/WG 1 IT Governance	Mr MV Padmanabhayya, STQC
JTC 1/SC 40/WG 2 IT Service management	Ms Sujatha Kumaraswamy, Individual Capacity Mr MV Padmanabhayya, STQC Mr Ajay Shastry, Capgemini Mr Vishnu Varthanam, Capgemini
JTC 1/SC 40/WG 3 IT-enabled services / Business process outsourcing	Ms Varsha Suresh, Wipro Mr Rajesh Sehgal, Wipro
SC 40 Chairman Advisory Group	Mr Ajith Thomas, TCS

**7.3** The committee decided to include following member in ISO GD :

<b>Working Group</b>	<b>Expert Nominated</b>
JTC 1/SC 7/WG 30	Prashant Yawalkar, TCS ( <a href="mailto:prashant.yawalkar@tcs.com">prashant.yawalkar@tcs.com</a> )

## **ITEM 8 R&D PROJECTS FROM BIS**

**8.1** The member secretary informed the status of R&D projects on ‘Data Management Practices at Panchayat Level’ which was approved by LITD 14 in its last meeting.

## **ITEM 9 DATE AND PLACE FOR THE NEXT MEETING**

**10.1** The members suggested to have the next meeting in the month of Dec 2024. It was decided to fix the exact date for the next meeting in consultation with the Chairman.

## **ITEM 10 ANY OTHER BUSINESS**

**10.1** The committee requested Sh Anupam Agrawal, TCS to schedule a separate meeting with Dr Deva Henry to discuss the future of SC 7/WG 30 ‘Systems Resilience’.

**10.2** The committee requested its members to identify experts for SC 7 and SC 40 projects given in Annex A.

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

## Annex A

### List of New Projects in JTC 1/SC 7 and JTC 1/SC 40

Reference	Document title	Developing committee	High/Medium/Low	Indian expert, if any
ISO/IEC AWI 38505-1	Information technology — Governance of data — Part 1: Application of ISO/IEC 38500 to the governance of data	SC 40/WG 1	Medium	
ISO/IEC WD 38501	Governance of IT — Implementation guidance	SC 40/WG 1	High	
ISO/IEC AWI TR 38509	Governance of IT – Responsible governance for social inclusion	SC 40/WG 1	Medium	
ISO/IEC AWI TS 30105-6	IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 6: Guidelines on risk management	SC 40/WG 3	High	Chitra Natarajan
ISO/IEC AWI TR 30105-7	IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 7: Exemplar for maturity assessment	SC 40/WG 3	Medium	
ISO/IEC PWI 30105-11	IT Enabled Services-Business Process Outsourcing (ITES-BPO) life cycle process — Part 11: Overview framework of profiles for very small entities (VSE)	SC 40/WG 3	Low	
ISO/IEC PWI 30105-12	IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 12: Profile specifications for Very Small Entities (VSE)	SC 40/WG 3	Low	
ISO/IEC PWI 30105-13	IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 13: Guidance on profiles for Very Small Entities (VSE)	SC 40/WG 3	Low	
ISO/IEC PWI 30105-14	IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes — Part 14: Assessment of profiles for Very Small Entities (VSE)	SC 40/WG 3	Low	
ISO/IEC AWI TS 33062	Information technology — Process assessment — Process assessment model for quantitative processes to support higher levels of process capability in ISO/IEC 33020	ISO/IEC JTC 1/SC 7/WG 10	Low	
ISO/IEC NP TS 33064	Information technology — Process assessment — Process assessment model for safety processes	SC 7/WG 10	Low	
ISO/NP 24748-10	Systems and software engineering — Life cycle management — Part 10: Guidelines for systems engineering agility	SC 7/WG 7	High	
ISO/IEC/IEEE NP 29119-8	Software and systems engineering — Software testing — Part 8: Model-based testing	SC 7/WG 26		
ISO/IEC AWI TS 22864	Systems and software engineering — Standard metadata for simulation models	SC 7/WG 19		

ISO/IEC AWI TS 20499.2	Systems and software engineering — Conceptual framework for systems and software engineering standards compatibility	SC 7/WG 19		
ISO/IEC/IEEE PWI 29119-14	Software and systems engineering — Software testing — Part 14: Data migration testing	SC 7/WG 26		
ISO/IEC NP 26581	Software and systems engineering — Methods and tools for configuration management in feature-based product line engineering	SC 7/WG 4		Dr Sridhar Chimalakonda
ISO/IEC NP TS 19770-13	Information technology — IT asset management — Part 13: Guidance on the incorporation of sustainability aspects in an IT asset management system	SC 7/WG 21		Sh Ramesh Jain