

BUREAU OF INDIAN STANDARDS
Electronics and Information Technology Department

6th MEETING OF SMART MANUFACTURING SECTIONAL COMMITTEE LITD
34

Venue:	Hybrid Meeting
Meeting link:	https://bismanak.webex.com/bismanak/j.php?MTID=me8fbaeddec6711b5199f363ef5689780
Meeting number:	2517 088 3638
Date:	22nd March 2024
Time:	11:00 AM
Chairperson:	Mr. Dr. Nagahanumaiah (Central Manufacturing Technology Institute, Bengaluru)
Member Secretary:	Ms Ankita Srivastava (Scientist-D, LITD)

MINUTES OF MEETING

ITEM 0: WELCOME ADDRESS

- 0.1 The Member Secretary extended a warm welcome to the participants.
- 0.2 The member secretary conveyed that the meeting was chaired by Dr. Nagahanumaiah, Director, CMTI-Bengaluru, who graciously agreed to assume the committee chairmanship following Prof. Amaresh Chakraborty. She also expressed sincere gratitude to the outgoing chair, Prof. Amaresh Chakraborty, who, due to his increasingly demanding schedule, had to step down from his position as the Chair of LITD 34. She conveyed the committee's appreciation for Prof. Chakraborty's leadership and contributions, understanding his decision to relinquish his role.
- 0.3 Dr. Nagahanumaiah, Chairperson of LITD 34, greeted the attendees and provided a brief introduction about himself. He informed the committee that he also holds chairmanship positions in other BIS committees. Dr. Nagahanumaiah encouraged active participation from the committee members in discussions and the formulation of standards within the committee.

ITEM 1: FORMAL CONFIRMATION OF THE MINUTES OF LAST MEETING

- 1.1 The Member Secretary informed that the minutes of the 5th meeting of the committee held on 15.11.2023 were circulated on 18.03.2024. No comments were received on the minutes. Hence, the committee formally confirmed the minutes of the fifth meeting.

ITEM 2: SCOPE & COMPOSITION OF LITD 34

- 2.1 The committee noted the scope as given in item 2.1 of the agenda.

- 2.2 The committee noted the information as given in item 2.2 of the agenda.
- 2.3 The committee noted the composition as given in item **Annexure-1** of the agenda.
- 2.4 The committee noted the information as given in item 2.4 of the agenda. Members warmly welcomed Dr. Nagahanumaiah as the chairperson of the committee, expressing confidence in his leadership. Given his previous membership within the committee, they believed he would be an ideal candidate to guide the committee forward.
- 2.5 The committee decided the co-option requests were received for Shri. Rajendra Todalbagi as a member of the committee from in personal capacity.
- 2.6 The committee deliberated the information as given in item 2.6 of the agenda. The committee decided to reach out to experts from following organizations/groups to on-board them as members of LITD 34
- i) C4i4 Lab, Pune
 - ii) MeitY working group on Additive manufacturing
 - iii) IIT Delhi

ITEM 3: INTERNATIONAL STANDARDIZATION ACTIVITIES

- 3.1 The committee noted item 3.1 of the agenda in **Annexure 2**. The members nominated as members of IEC committee were requested to access their IEC accounts and reach out to the member secretary in case of any issue.
- 3.2 The committee noted item 3.2 of the agenda. The committee was of the opinion that a strong Indian delegation should attend the upcoming meeting and members should therefore familiarise themselves with the ongoing work of SyC SM.
- 3.3 The committee noted item 3.3, 3.4 and 3.5 of the agenda.

ITEM 4: ROADMAP OF LITD 34

- 4.1 The committee deliberated on the roadmap placed as **Annexure-3** of the agenda. It was decided to add a list of standards published by the liaison committees as annexure to the roadmap document and share the same to all the committee members.

ITEM 5: R&D PROJECTS OF LITD 34

- 5.1 The committee noted Two R&D proposals placed as **Annexure- 4** of the agenda. An update regarding the current status of the proposals was provided to the committee by Ms. Lavanya Nupur.
- 5.2 The committee endorsed the decision of nomination of the following experts as members of Research evaluation committee on behalf of LITD 34 which was previously agreed by the committee by circulation vide email dated 28.02.2024.
- a) Shri Sanjiv Singh
 - b) Ms Lavanya Nupur

ITEM 6: WAY FORWARD FOR LITD 34 PANELS

- 6.1 The committee noted the information as given in item 6.1 and 6.2 of the agenda.
- 6.2 The committee decided to share the draft documents for reference architecture and use case template with committee members, seeking their comments.

ITEM 7: UPDATE FROM INDO-GERMAN COLLABORATION

- 7.1 A presentation regarding OPC-UA and its suitability for implementation in Indian scenario was made by Shri Samrat Bhattacharjee, from Siemens India. Presentation made during the meeting is placed as **Annexure-1**. Subsequent to the presentation, Ms Lavanya Nupur informed that an idea of testing OPC-UA in Indian laboratories (IITs etc) was proposed previously to Siemens during an earlier interaction regarding OPC-UA. She further enquired about update in the matter. Shri Samrat informed that he would get back with relevant information in the matter provide an update to the committee subsequently.
- 7.2 It was decided that Siemens would update the committee regarding the possibility of testing the OPC-UA in Indian laboratories and assessment of compatibility of OPC-UA with 1M2M standards.
- 7.3 It was decided to circulate the presentation made by Siemens on OPC-UA to all the members of the committee and take up the discussion on adoption of the document in the upcoming meeting in detail.

ITEM 8: DATE AND PLACE FOR THE NEXT MEETING

- 8.1 The committee tentatively decided to hold the 7th meeting of LITD 34 in the 3rd/ 4th week of May 2024.

ITEM 9: ANY OTHER BUSINESS

- 9.1 There being no other business, the meeting ended with a hearty vote of thanks to the participants and chairperson.

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