



Report on Day Long Workshop
with
National Institute of Technology, Delhi
On
12 October 2023

In accordance with the directives from SCMD, DLBO-II organized a day-long workshop for the faculty and research scholars of National Institute of Technology, Delhi, on October 12, 2023. Program was conducted by Shri Sneh Lata, Head Delhi Branch Office - II; Smt. Suneeti Toteja, Head, Food & Agri. Department; Shri Manodip Bag, Sc.C/DD, ERO, Shri Neeraj Kushwaha, Sc.B/AD from Electrotechnical Dept. and Shri Himanshu Meena, Sc.B/AD from DLBO-II. (Prof) Dr. Ajay K Sharma, Director, NITD along with his faculties from different departments had attended the workshop.

The program commenced with Manak Geet followed by welcome address of Dr. Anurag Singh, Dean Research & Consultancy, NITD, who shared the objectives of the MoU in his opening remarks. Speaking on the occasion, Head, DLBO-II thanked Director, NITD for the collaboration with BIS and also emphasized the significant role of academia in the standardization process. She also motivated the faculty members to participate actively in standardization activities by becoming embers of BIS Technical Committees and also sending comments on draft/Indian Standards.

(Prof) Dr. Ajay K Sharma, Director, NITD, in his Inaugural address, expressed appreciation for BIS for signing the MoU with NITD. He also emphasized the importance of standards and standardization in the field of sustainable development.



Felicitation of Director NITD by Head DLBO-II



Inaugural Address by Director NITD



Quiz Session by Scientist-C, ERO

Technical Sessions

Faculties and students actively participated in the "BIS, Do You Know Me?" session and answered many of the questions correctly. Head, FAD delivered a detailed presentation on the Overview of BIS and standardization ecosystem in the country. A group activity was also conducted where faculty members shared their suggestions regarding mutual benefit of collaboration between NITD and BIS. Few prominent suggestions are reproduced below:

- (i) Standardization is the functional strategy to empower the onset of manufacturing industries and decline safety issues and detect loop holes in product. At college level, MOUs give wide openness to student to give their ideas and techniques to be implemented.
- (ii) Conduct of such effective workshops and industry talks by BIS really smoothens the technical development of students in various technology areas.
- (iii) Standardization would help to assure quality, credibility, safety and to avoid duplication. Transparency will be maintained between the customer and the seller as well
- (iv) This will curb the dominance of Chinese companies in the global market and will help in catering the needs of individuals of our country.
- (v) MOU would strengthen and enhance the standard formulation activity by facilitating research and development projects. It will help in involvement of young minds in the area of standardization process.
- (vi) MoU ensures better utilization of resources available with institute for upgradation of standards.
- (vii) BIS can organize rewarding competition for students to induce active development of new standards.
- (viii) As cited by one of student- Robotics technology is booming in India. Colleges can help BIS to formulate standard on robotics. This will check the import and help Indian manufacturer to grow.

The session was followed by a presentation on the scope and expectation from education outreach program by Head DLBO-II. Salient features of the MoU were discussed during the presentation.

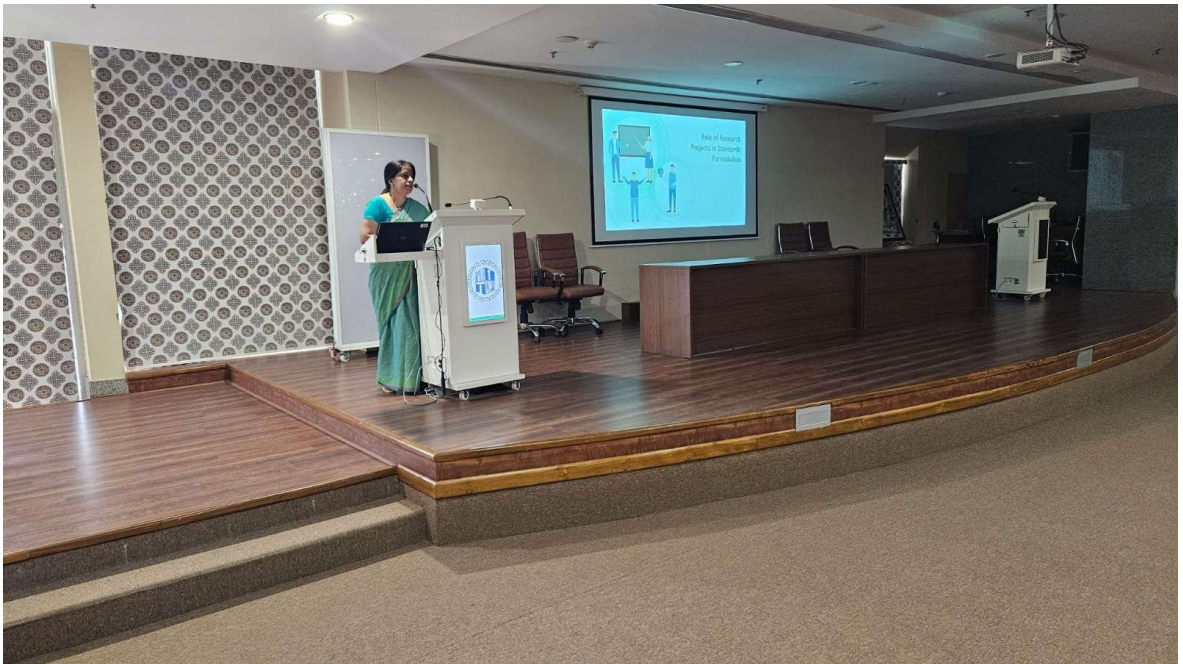


HEAD (DLBO-II)

In the second half of the workshop, faculty members and students were apprised on standard writing methodology and subsequently divided into 4 groups and were asked to write standards on 'Toys' or Standard of their own choice. Faculty members and students delivered informative and engaging presentations on their topics, which were followed by exhaustive discussions moderated by Head DLBO-II, and Head FAD.



Presentation on Assigned Standard by students



Moderation by Head (FAD)

Head DLBO-II, and Head FAD briefed the faculty members about the new BIS R&D guidelines and encouraged them to undertake R&D projects sponsored by BIS in emerging areas. Faculty members expressed their desire to collaborate with BIS in the areas of Electronics and Mechanical Engineering for R&D projects. Need was shown for standardization in the following areas:

- (i) Development of standards on 30 percent ethanol blending in combustion fuel.
- (ii) Techniques for sustainable disposal of products after use including disposing off empty bottles and wrappers of consumable goods like shampoo bottles, chips, sanitary napkins etc.

A demonstration of the digital initiatives of BIS covering the BIS Standards Portal was provided and the participants were apprised about the procedures to comment on WC drafts, Indian Standards, propose new work items for standardization and how to become a member of a technical committee. The program concluded with a vote of thanks by Shri Neeraj Kushwaha.



Vote of Thanks