



Report on Day Long Workshop with
COEP Technological University, Pune

On

21 October 2023

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सर्वमेव जगदी

मानकः पथप्रदर्शकः

**Day Long Workshop at COEP
Technological University, Pune**

भारतीय मानक ब्यूरो
उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार
BUREAU OF INDIAN STANDARDS
Ministry of Consumer Affairs, Food and Public Distribution, Government of India
पुणे शाखा कार्यालय / PUNE BRANCH OFFICE

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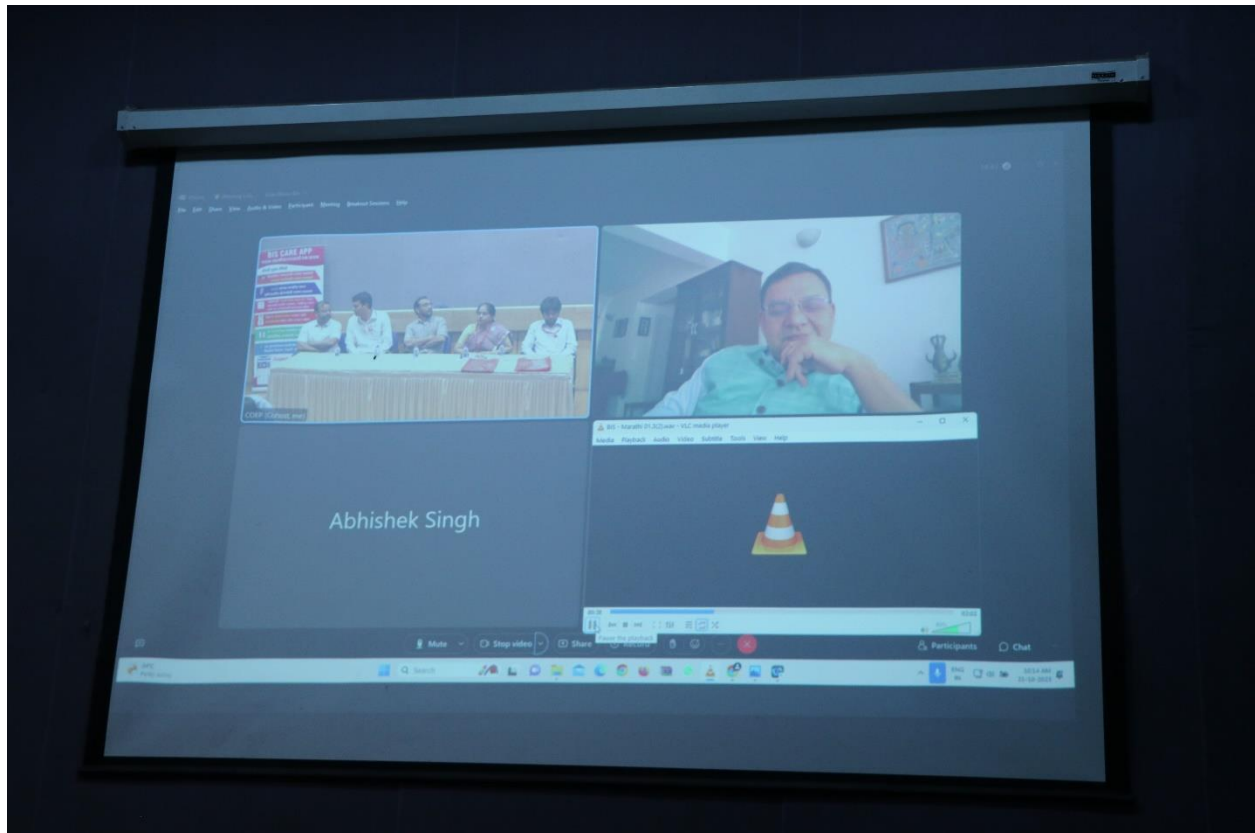
In accordance with the directives from SCMD, PNBO organized a day-long workshop for the faculty and students of COEP Technological University, Pune on October 21, 2023. Present at the workshop were Smt. Suneeti Toteja, Head, Food & Agri. Department; Sh. Adhuth Singh, Sc-D, SCMD, and officers from PNBO. From COEP Technological University, Pune the event was attended by Dr. Mohan P Khond, Dean (Student Affairs); faculty members and students.

The program commenced with a welcome address by DG, BIS who shared the objectives of the MoU in his opening remarks. Dean (Student Affairs), in his welcome address, expressed appreciation for BIS for signing the MoU with COEP Technological University, Pune. He also emphasized the importance of standards and standardization in the field of sustainable development.



DG BIS joined via video conference and addressed all the faculty and students of COEP Technological University, Pune. Speaking on the occasion, DG BIS thanked Vice Chancellor COEP Technological University, Pune for the collaboration with

BIS and also emphasized the significant role of academia in the standardization process. He also motivated the faculty members to participate actively in standardization activities by becoming members of BIS Technical Committees and also sending comments on draft/Indian Standards.





Technical Sessions

Faculty 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 the national standardization process focusing on the important role of academic and research organizations in standards formulation. A group activity was also conducted where faculty members shared their suggestions regarding mutual benefit of collaboration between COEP Tech and BIS. Few prominent suggestions are reproduced below:

- (i) Standardization at the national level empowers the manufacturing industries and helps to reduce safety related failures and detect loop holes in product. At college level, MOUs give wide exposure to students to appreciate the importance of adhering to quality and standards.
- (ii) Conduct of such effective workshops and industry talks by BIS upscales 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) Referencing and implementation of Indian Standards would go a long way in curbing the import of low-quality imported products and will help in catering to the needs of indigenous industry.
- (v) MOU would strengthen and enhance the standard formulation activity by facilitating focused research and development projects. It will help in involvement of young minds in the area of standardization process.





The session was followed by a presentation on the scope and expectation from education outreach program by Mr. Adbhut Singh, Joint Director, SCMD. Salient features of the MoU were discussed during the presentation. The expectation of the BIS under the MOU was clearly communicated to the audience including the opportunity of the faculty to participate in standardization activity through Technical Committees of the Bureau at National & International level, undertake R&D Projects related to standardization and conformity assessment and to jointly organize seminars, conferences, workshops symposia or lectures on topics of standardization.



In the second half of the workshop, faculty members and students were divided into four groups and were asked to write standards covering important requirements for the following products, namely Pressure Cookers, Paver Blocks, Mobile Phones, Electric toaster and Gold jewellery. Faculty members and students delivered informative and engaging presentations on their assigned topics, which were followed by exhaustive discussions moderated by Head, FAD and all BIS Team.





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, how to become a member of a technical committee etc. The program concluded with a vote of thanks by Head, FAD.

Strengths of COEP

College of Engineering Puce is one of the oldest and finest engineering colleges of the country engaged in teaching and research in all disciplines of engineering and applies sciences. Officers from Standardization activity 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 Electrical, Computer, Civil, Mechanical and Metallurgical Engineering for R&D projects. Need/expectations were shown for the following areas:

- (i) Development of standards for new building materials
- (ii) Research and Development for Developing Automatic Cookers and standardization
- (iii) Research and Development in the field of alternate source of energy for Smart phone charging and techniques
- (iv) A request was received for utilization of the university laboratories for testing of samples under various conformity assessment schemes of BIS

Based on the profile of the faculty who attended the programme, BIS can share the Programme of Work and the Technical Committees under CED, ETD, LITD, MED and MTD with COEP to enable the concerned faculty to understand the standardization work being undertaken in their areas of interest. Thereafter, the faculty members of COEP basis their expertise and interest can be inducted into the respective Technical Committees.



