

Brief Report of Day-Long Workshop **Parul University, Vadodara on 15.12.2023**

A day long work-shop for sensitizing the faculty and research scholars of Parul University, Vadodara was organized on 15.12.2023 by Vadodara Branch Office (VDBO), BIS. In this workshop, more than 150 participants from the faculty and research scholars were present. The workshop was inaugurated by Dr. Amit Ganatra, Vice Chancellor (Provost) and was graced by Shri Sanjay Goswami, Dy. Director General (Western Region) by his august presence.

BIS Team :

1. Shri S D Rane, Sc E & HRJBO-1,
2. Shri Sumit Sengar, Sc E & HAHBO,
3. Smt. Shikha Rana, Sc D, SUBO,
4. Smt. Neha Yadav, Sc D, VDBO, and
5. Shri Lokraj Meena, Sc B, MED

Inaugural Session:

The program was started with rendering of Manak Geet and lamp lightning by all dignitaries present. Dr. Amit Ganatra, Vice Chancellor (Provost) welcomed the BIS team and all the participants. He apprised the faculty members about the collaboration between BIS and Parul University in the area of standardization and conformity assessment. He also appreciated the initiative of BIS of reaching out to the academic institutes to spread awareness about standards, their formulation and include academia in the standardization activity through R&D projects.

Shri Sanjay Goswami, Dy. Director General (Western Region) urged the participants to take maximum benefit of the sensitization program. He advised the BIS officers to present detailed demo of BIS website and other online tools for benefit of the participants. He also requested the all the faculties present to utilize the session and associate with BIS in the field of standardization as per their field of interest.

Sh. S D Rane, conducted the quiz BIS: Don't You Know Me? (An exercise through questionnaire). The participants answered the all questions with full enthusiasm and thrill. Shri Sumit Sengar, highlighted the scope of the MoU and how Parul University and BIS can mutually benefit from this engagement. Smt. Shikha Rana, presented on the role of research and development projects in the formulation of standards and SNAP 2022-27. Smt. Neha Yadav presented the 'Overview of BIS & Standardization Ecosystem' in the country. Shri Lokraj Meena, gave the demo on the digital initiatives of BIS (Website, e-BIS, Academic dashboard, etc.) and familiarized the participants with working of BIS technical committees.

Breakout Sessions:

Discipline wise break-out sessions were conducted by BIS officials with the faculty and the research scholars of various technical departments, as per the following details:

S.No.	Officer	Discipline
1.	Shri S D Rane	Civil Engineering Dept.
2.	Shri Sumit Sengar	Electronics, CSE & IT Dept.
3.	Smt. Shikha Rana	Chemical Engg Dept & Chemistry
4.	Smt. Neha Yadav	Food & Biotechnology Dept.
5.	Shri Lokraj Meena	Mechanical Engg Dept

During above sessions, participants were introduced with the various Technical Committees and their programmes of work. Special attention was given to those standards which are related to the topics being taught; and how the Indian Standards can be incorporated in the curriculum.

Further, they were guided for becoming a member in committees, giving comments on drafts, submitting NWIP and accessing the R&D portal to view ongoing projects and submit new proposals. A group activity was also conducted to familiarize them with the standardization process. Groups were assigned the 4 subjects and asked to write the standard on them. Further, groups were asked to analyze and find the scope of R&D in the product standards written by them and also write a brief Terms of Reference (ToR).

At the end of breakout session, feedback was taken from all the faculty members present and asked to tell their areas of interest, where faculty are already engaged in research and which can be utilized by BIS in standardisation and other allied activities. Following areas were identified during the feedback session:

- a) CAD, Finite element Analysis & Prototype Development
- b) Data Management System, e-learning, Artificial Intelligence
- c) Power Systems, Power Electronics and Insulating Materials
- d) Measuring Devices, Precision & Accuracy, Thermal Environment
- e) Pipe designing, hydraulic structures and Structural Engineering.

The program was well received and the university officials thanked the BIS team for the informative sessions conducted and expressed their eagerness to conduct more such programmes with BIS. They also assured their participation in the National Standardization work.