

Report of Day-Long Workshop
National Institute of Technology, Mizoram at Aizawl on 11.01.2024

A day long work-shop for sensitizing the faculty and research scholars of National Institute of Technology, Mizoram (NIT-Mz) was organized on 11.01.2024. In this workshop, 70 participants from the faculty and research scholars were present. The workshop was inaugurated by Prof. S Sundar, Director, NIT-Mz and was graced by Prof. Saibal Chatterjee, Dean Research & Consultancy.

BIS Team:

1. Sh. Devansh Deolekar, Sc D, LITD & Nodal Officer for NIT-Mz
2. Sh. Kumar Manish Raja, Sc D, NITS
3. Sh. Lamsuanlun Tonsing, Sc C, GHBO
4. Sh. Tejas S Mahale, Sc B, SCMD
5. Sh. Shivam Dwivedi, Sc B, PCD

Inaugural Session:

Manak Geet was played in the beginning of the programme. Nodal professor of NIT-Mz, Prof. Saibal Chatterjee welcomed the BIS team. He apprised the faculty members about the collaboration between BIS and NIT-Mz in the area of standardization and conformity assessment. Sh. Devansh Deolekar explained the purpose of conducting the workshop. He urged the participants to take maximum benefit of the sensitization program. Prof. S Sundar, thanked BIS for conducting the sensitization programme in the far corner of India and appreciated the prompt steps taken by BIS for operationalization of the MoU. He welcomed the initiative of BIS of reaching out to the academic institutes to spread awareness about standards, their formulation and requested the faculty members to explore the possibilities to join the BIS technical committees and undertake the R&D projects hosted on the BIS website.

Sh. Shivam Dwivedi, conducted the quiz BIS: Don't You Know Me? (An exercise through questionnaire). Sh. Devansh Deolekar, presented the Overview of BIS & Standardization ecosystem in the country. Sh. Tejas S Mahale highlighted the scope of the MoU and how NIT-Mz and BIS can mutually benefit from this engagement.

Breakout Sessions:

Technical department 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	Department
1.	Sh. Devansh Deolekar	Electronics & Computer Science Engineering
2.	Sh. Kumar Manish Raja	Mechanical Engineering
3.	Sh. Lamsuanlun Tonsing	Civil Engineering
4.	Sh. Tejas S Mahale	Electrical Engineering
5.	Sh. Shivam Dwivedi	Chemistry & Basic Sciences

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. From the discussion the following strength areas of NIT-Mz, where faculty are already engaged in research, were identified which can be utilized by BIS in standardization and other allied activities:

- a) VLSI, Natural Language Processing
- b) Wireless charging of EV, HVDC Transmission, Power Systems
- c) Refrigeration, IC engine
- d) Doping of polymer composites based on applications
- e) Durability properties of composite cement, Different types/varieties and performance parameters of flexible Polyvinyl Chloride (PVC) floorings

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