

Report of Half-day Workshop

MANIPAL ACADEMY OF HIGHER EDUCATION – MANIPAL 9TH JAN 2024

A half-day long work-shop for sensitizing the faculty and research scholars of Manipal Academy of Higher Education – Manipal was organized on 09.01.2024. In this workshop, 130 participant faculty from 10 Departments participated with enthusiasm.

MAHE Team:

1. Dr Narayana Sabhahit, Pro Vice-Chancellor (Technology & Science)
2. Cdr. (Dr.) Anil Rana, Director of MIT
3. Dr S N Bhat . Nodal officer of MAHE

BIS Team:

1. Shri U.S.P Yadav, DDGS (joined via video conferencing)
2. Smt Sushma Rao Mantradi, Sc D, BNBL
3. Shri Shanmukha Shiva Palli, Sc D, BNBL
4. Shri Nitish Kumar Jain Scientist B
5. Shri G Ram Sai Kumar Scientist B
6. Shri Jitendra Kumar Chaudary Scientist B
7. Shri Priyanshu Sharma Scientist B
8. Shri Mohammed Ahamed Bijapur Standard Promotion Officer HUBO

Inaugural Session:

The programme was started with lighting of Lamp and rendering of Manak Geet. The university also organized an invocation song, sung by one of their faculty members. The workshop commenced with a powerful address by Shri U.S.P Yadav, Deputy Director General (Southern Regional Office), Bureau of Indian Standards. who emphasized BIS's initiatives to engage faculty and students in the development of indigenous standards. He encouraged active participation from the institution to bolster the standardization ecosystem and contribute to a robust quality framework in India.

Dr. Narayana Sabhahit, Pro Vice-Chancellor (Technology & Science) of MAHE, attended as the Chief Guest. His insightful speech shed light on the crucial role of standards, especially in civil engineering wherein he shared his personal experience using the standards during his studies. He reiterated the importance of standards. He elaborated on MAHE's efforts to maintain operational standards and enhance stakeholder experiences, while integrating standardization with technological and scientific advancements.

Cdr. (Dr.) Anil Rana, Director of MIT Manipal, delivered the Presidential Address, underscoring MIT's dedication to knowledge sharing and academic excellence.

Smt Sushma Rao, Scientist D , then addressed the gathering and briefly told them about the objectives of the workshop and encouraged active and dynamic participation from the faculty .

The technical sessions then commenced with Sh. Mohammed Ahamed Bijapur, who conducted the quiz BIS: Don't You Know Me? (An exercise through questionnaire). It was heartwarming to see that most of the faculty were able to give correct answers to almost all of the questions.

Smt Sushma Rao, then presented the Overview of BIS where she familiarized the audience about the various activities of BIS apart from standardization, like certification, laboratory activities, hallmarking, standard clubs, bis care app etc.

Sh Priyanshu Sharma, then gave a detailed presentation on the addressed Standardization ecosystem in the country. He highlighted the scope of the MoU and how MAHE and BIS can mutually benefit from this engagement.

Sh Nitish Kumar Jain, Jitendra Kumar Chaudhary & Ram Sai Kumar gave the demo on the digital initiatives of BIS (Website, e-BIS etc) & Role of Research & Development Projects in standards formulation and review of standards. They also informed submitting NWIP and accessing the R&D portal to view ongoing projects and submit new proposals. Further, they were guided for becoming a member in committees, giving comments on drafts.

Sh Shanmukha Shiva Palli, then demonstrated a typical standard and scope writing with an example.

Technical department wise break-out sessions were conducted by BIS officials with the faculty where in different R&D projects, drafts under wide circulation etc were shown to the faculty.

A group activity was also conducted to familiarize them with the standardization process. 3 topics were given, and 20 minutes time were given to the 3 groups. The disciplines like aeronautical engineering were clubbed with mechanical engineering. The following 3 topics were given 1. Helmets 2. Hearing Aids and 3. OPC Cement. The faculty were asked to jot down the scope, tests and parameters they thought were necessary to be covered in the standard.

Enthusiastic participation was seen from the entire crowd.

Overall, the program was well received and their Nodal officer Dr SN Bhat thanked the team on behalf of MAHE for the informative sessions conducted and expressed their eagerness to conduct more such programmes with BIS. He specially expressed a more focused discussion on the various R& D projects and the procedure thereof. He informed that he would seek out BIS for organizing the same in the near future as soon as he works out the modalities. He also assured their participation in the process of standards formulation in BIS.

He also said that the whole session was recorded and the recording will be made available to all the faculty who were not able to attend the session live due to other commitments. He also informed that the complete list of the faculty along with their areas of interest would be shared with BIS. This data can be saved in our data base for further use as when required as MIT Manipal has various departments which have faculty who are masters in their fields especially in upcoming area like Artificial Intelligence and Machine learning,

The sessions were dynamic, fostering insightful discussions and sharing best practices. They focused on the evolving landscape of standardization, and the critical role of BIS in setting quality benchmarks across industries. The event highlighted opportunities for faculty and research scholars to engage in standardization-related research and development.

Overall, the Standardization Ecosystem workshop at MAHE was a notable platform for exchanging knowledge and fostering collaboration, setting a foundation for future endeavours in this vital field.

