

Report
FACULTY SENSITIZATION PROGRAMME
Indian Institute of Technology, Banaras Hindu University on 14.12.2023

A Faculty Sensitization Programme for the faculty and research scholars of Indian Institute of Technology, Banaras Hindu University (IIT-BHU), Varanasi was organized on 14.12.2023. In this programme, 22 faculty members from different departments of the institute and 12 research scholars participated. The programme was conducted in Chemical Engineering Department in presence of Prof. Vikas Kumar Dubey, Dean (Research and Development) and Prof. R.S. Singh, Chemical Engineering and BIS Chair Professor.

BIS Team :

1. Shri Chandan Bahl, DDG (IR, MS and SCM), BIS
2. Dr. A P D Dwivedi, Sc F & Head, BIS – WRL and Nodal Officer
3. Shri Asit Kumar Maharana, Sc E & HLKBO,

Inaugural Session:

Prof. Vikas Kumar Dubey, Dean (R&D), IIT-BHU in his address highlighted the salient features of the MoU between BIS and IIT-BHU and encouraged the faculty members to seek all necessary information from the BIS team in order to have a meaningful and mutually beneficial engagement with BIS.

Shri Chandan Bahl, DDG (IR, MS and SCM) made a presentation covering the features of the MoU, expectation of BIS from the faculty and research scholars within the ambit of this MoU, Standardization landscape in the country and the role of BIS as National Standards Body, and the Research and Development initiatives by BIS in the area of Standardization. While acknowledging that many faculty members from the institute are already members of technical committee, he invited the members to explore opportunities to take up R&D projects of BIS and join the technical committees in their respective domain area, as members. He answered the queries of the faculty members related to R&D projects being offered by BIS.

The programme included a detailed demonstration of the various online tools and platforms developed by BIS by Shri A.K.Maharana, Sc E & Head (LKBO). While explaining the features of e-BIS platform, especially the resources available under the Standardization tile, the participants were guided on how to apply for membership of technical committee through the portal. A demonstration on academic dashboard being developed by BIS with its various features was also made. The members from the faculty were encouraged to form BIS Standards Clubs in their respective departments and information related to formation and functioning of these clubs were shared with them through presentation.

The video film on BIS testing infrastructure at WROL was played for the information of the members present and it was encouraged that IIT-BHU may like to highlight its strength areas where BIS can also deepen its engagement and leverage from their capabilities.

Visit was paid to their following laboratories :

LABORATORY	HIGHLIGHTS
1. Welding and Materials Laboratory	Laser welding and cladding machine where precision welding using material deposition technique can be carried out.
2. Thermal and Mechanical Simulation Laboratory	This laboratory is one of the 5 labs in the country where different combination of heating temperature and cooling technology can be set up to study material properties, especially used in rolling mills for manufacturing of steel.
3. 3-D printing Laboratory	This lab is capable of printing different objects using 3-D printing technology. The lab is capable of carrying out 3-D printing using metal, polymer as well as composites.
4. Printed Circuit Board (PCB) Printing Lab	The lab has capability to undertake printing of circuit boards up to 8 layers.

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.



