



Gujarat Technological University

School of Engineering and Technology
Under the Aegis of Bureau of Indian Standard



Organizes

“Technical Session on BIS”

Date: 21.08.2024; Time: 11.00 AM onwards

GTU-SET successfully conducted Technical Sessions on BIS at Chanakya seminar Hall, GTU-SET, Academic Block 5, Chandkheda Campus, Ahmedabad on 21st August 2024 from 11.00 AM onwards. Mr. Rakesh Kumar, Scientist ‘D’/ Joint Director, Central Marks Department, BIS was present to deliver the session as an expert from the BIS. Mr. Rakesh has covered various major topics during the sessions such as Overview of BIS, introduction to Standards from the students’ point of view. Process of Standardization, and Good Practices for Standardization. Around 60 students have participated.

He initiated the session by giving overview of BIS which was established on 6th January 1947 and got statutory status in 1987. He also mentioned that BIS became one of the largest National Standards Body of the world by the BIS Act 2016, actively represents India in ISO & IEC. The National Standards Body established with a mandate to undertake conformity assessment and grant license to use the certification mark (i.e. ISI Mark, Registration Mark, Hallmark, and Management Systems), also to establish, maintain and recognize laboratories, to undertake certification of foreign manufacturers, to enable mandatory certification of key products, to Strengthen consumer protection, and to enforce the use of Standard Marks.

He followed the session by giving the Introduction to Standards by giving the examples of standards use in routine practices of household activities such as keyboard, fasteners, bolts, etc. He then made the students learn about the Types/Aspects of Standards as Basic Standards, Product Specifications, Sampling and Inspection, Test and Analysis, Grading and Classification, Codes of Practice, Service Standard, Management System Standards. He also discussed on purpose of Standardization and its importance for society, for economy and for governance to ensure the transparency. During his session he discussed about the example of Standardization in field of IT sector by discussing IS/ISO/IEC 27032:2023 – Cyber Security-Guidelines for Internet security as one of the big achievement by the BIS.

During his talk on Process of Standardization, he has emphasized on the complex world of standardization at different level as International, Regional, National and Stakeholders level and their importance. He discussed about the role of Technologists, scientists & professionals along with Industries and various Associations including consumers and civil society in the process of standardizations. He comprehensively discussed with the students on how standards are written through technical committees with a procedure starting from consultative process followed by census approach to circulation of drafts & public commenting. He also explained the benefits of participating in development of standards such as greater understanding of standards, early information access, network and develop contacts, also influence the resulting standards among the consumers.

He further made students familiar with the good practices of Standards by discussing the principles of Standards. As a part of principles he mentioned about the why is transparency important, why is openness important, what is coherence in standardization, what is the relevance and effectiveness of standards according to national needs and not to distort.

The sessions were apprehensive for the students and lot of insights were gained by them. Mr. Rakesh has hold the attention of the students by conducting quiz at intermediate levels of the sessions to test their learnings. This seminar was organized with an objective to keep focus of students on co-curricular activities and gain additional knowledge in line with their curriculum.

The session was ended with good remarks of Dr. Jignesh Amin, Professor GTU-SET in coordination with Dr. Komal Borisagar, Associate Professor GTU-SET and other faculties, staff of GTU-SET.

Glimpses of the Event






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(A+ Grade Accredited by NAAC)

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Technical Sessions on BIS

	Session Expert	S.No.	Sessions	Duration
	Mr. Rakesh Kumar	1.	Standardization – Basic Concepts	2 Hours
	Scientist-'D'/Joint Director,	2.	Standards Formulation Process and Challenges	2 Hours
	CENTRAL MARKS DEPARTMENT-III,	3.	World of Standards	2 Hours
Bureau of Indian Standards (BIS).				

Date: 21st August, 2024
Time: 11:00 AM Onward

Registration Link: [Click Here](#) or Scan QR Code: 

Coordinated by:
School of Engineering and Technology