



**REPORT OF BIS EDUCATION OUTREACH PROGRAMME**  
**RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY**  
**KOCHI**  
**18 MAY 2024**

Bureau of Indian Standards (BIS), Kochi, signed Memorandum of Understanding (MoU) with Rajagiri School of Engineering & Technology, Kochi, to develop collaborative activities in the field of Standardization and Conformity Assessment on 19.12.2023. Rapport Building Interaction visit with Institute was conducted on 07 Feb 24. Faculty Sensitization programme was planned on 24-02-24. However, due to administrative reasons, the faculty sensitization programme was rescheduled to 18-05-24 by the Institute. In adherence to the established Memorandum of Understanding (MoU) and marking the commencement of collaborative efforts, a Day long Faculty Sensitization Programme for the Faculty & Research Scholars of Rajagiri School of Engineering & Technology, Kochi has been organized on 18 May 2024.

The programme was aimed to emphasize need for involvement of faculty in National Standardization process for formulating Robust Standards, Demonstrate provisions of Research and Development, List of R& D Projects that can be undertaken, Introduction of the concept of standardization in academic curriculum, Awareness of BIS Activities.

In this workshop, 50 participants including Faculty Members and Research Scholars attended

- I) **BIS Team:** The Programme was conducted by Team of BIS Officers -
1. Shri Rakesh Tanneeru, Scientist – D/Joint Director(HYBO) & Nodal Officer
  2. Shri Jayachandra Babu P, Scientist-D/Joint Director(MUBO-II)
  3. Shri Sandeep S Kumar, Scientist-D/Joint Director (KOBO)
  4. Shri Abhinav Kumar, Scientist-C/Deputy Director (ERL )
  5. Shri Rajat Gupta, Scientist-C/Deputy Director(PCD)

**Inaugural session:**

The workshop began with Manak Geet. The program was inaugurated by Prof.(Dr). PS Sreejith, Principal, Rajagiri School of Engineering & Technology, Kochi, Fr. (Dr.) Joel George Pullolil CMI, Assistant Director, Rajagiri School of Engineering & Technology, Kochi and jointly with BIS Team.

Principal Prof.(Dr). PS Sreejith, extended a warm welcome to the BIS team and emphasized on importance of Education on Indian Standards, outlined the presence of Indian Standards in every walk of life and benefits of standardization in one's professional career. Further, he elaborated the objectives of MoU signed with BIS.

Fr. (Dr.) Joel George Pullolil CMI, Assistant Director, Rajagiri School of Engineering & Technology, Kochi appreciated the initiatives of BIS like MoU & setting up the standard Clubs and apprised the participants over the past association of their Institute Senior Distinguished faculties with Technical Committees of BIS Standardization department. He thanked Kochi Branch office for the various standard club activities carried out.

Shri Rakesh Tanneeru, Scientist-D, BIS Hyderabad Branch office in his address highlighted the Benefits of standardization, Need for Participation of Eminent Knowledge pool i.e Faculty from prominent Institutes in National Standardization process, Role of Indian Standards in achieving Quality Assurance and Quality Control for the Industries, How the awareness on Standardization benefits the students in facilitating to excel in their professional career. The Participants were requested to actively engage in activities of mutual interest for effective collaboration with BIS and imbibe the concept of standardization while reviewing the academic curriculum. The faculty members were motivated for active participation in the National Standardization process by becoming members of BIS Technical Committee of their relevance, proposing new subjects and by participating in BIS R&D Projects. The participants were made aware about the released 17 reference materials for educational purposes, Guest Technical Lectures that can be provided to the students by faculty from BIS & API notification created for real time information sharing by MoU Partners.

### **Technical Sessions:**

- ✓ Shri. Rakesh Tanneeru, Scientist D/Joint Director, BIS Hyderabad Branch Office presented Detailed presentation on Overview of BIS Activities & Standardization Process, Scope and Expectations from Education Outreach Programme, Road Map for Implementation of MoU and Key Initiatives taken by other Premier Institutes, Standardization in Curriculum. Activity ‘BIS: Don’t You Know Me?’ was also conducted.
- ✓ Shri Sandeep Kumar, Scientist-D/Joint Director, BIS Kochi Branch Office carried out Group Exercise and “How does the collaboration of BIS with Educational Institutions to be mutually beneficial?”. He further provided overview of Technical Committees, Important Standards, New Areas for Standardization and SNAP with an emphasis on the subjects of the relevance of faculty present
- ✓ Shri. Rakesh Tanneeru, Scientist-D/Joint Director, BIS Hyderabad Branch Office presented Detailed presentation on “Role of Research Projects in Standard Formulation” and “Participation in R & D Projects”
- ✓ Shri Rajat Gupta, Scientist-C/Deputy Director, PCD gave detailed Live demonstration of the various online tools and e-BIS platform developed He explained the features of Standardization tile, R&D Projects, Know your standard and Proposal for new subjects, How to apply for member Ship in Technical committees, Know your Standards feature of BIS website, the procedure to download free Indian Standards

- ✓ Following the presentations, discipline wise breakout sessions were held by Shri Sandeep S Kumar (Civil Engineering), Shri Jaya Chandra Babu P(Electronics and IT) ,Shri Rajat Gupta (Electrical Engineering), Shri Abhinav Kumar Singh (Mechanical Engineering) informing the participants about the Programme of Work covering both published standards & Standards under development of the respective disciplines, the emerging areas/ subjects under working by Divisional Councils and the discipline wise R&D ToRs.

Faculty members expressed their willingness to take up R & D Projects and to become Technical Committee members.Regarding incorporation of BIS in curriculum, they informed of having a provision to incorporate the same as a special credit course. The Management at Institute level can take up the decision in this regard and so thereby will be discussed in due course during their up coming meetings and ensure that objectives are met. After detailed discussions during the query session, not only instant feedback was received but also appreciation from faculty members.

The Workshop ended with a vote of thanks by Shri Ben Joseph, SPO, BIS Kochi Branch Office. Prof Dr Athul Sathayanth was specially thanked and appreciated for his efforts put in organizing the Faculty Sensitization Programme

**Glimpse of Educational Outreach :**

<https://drive.google.com/drive/folders/1i7N4OAOAzZ5XqILXXSBPrlERYh9Hj91a?usp=sharing>





