

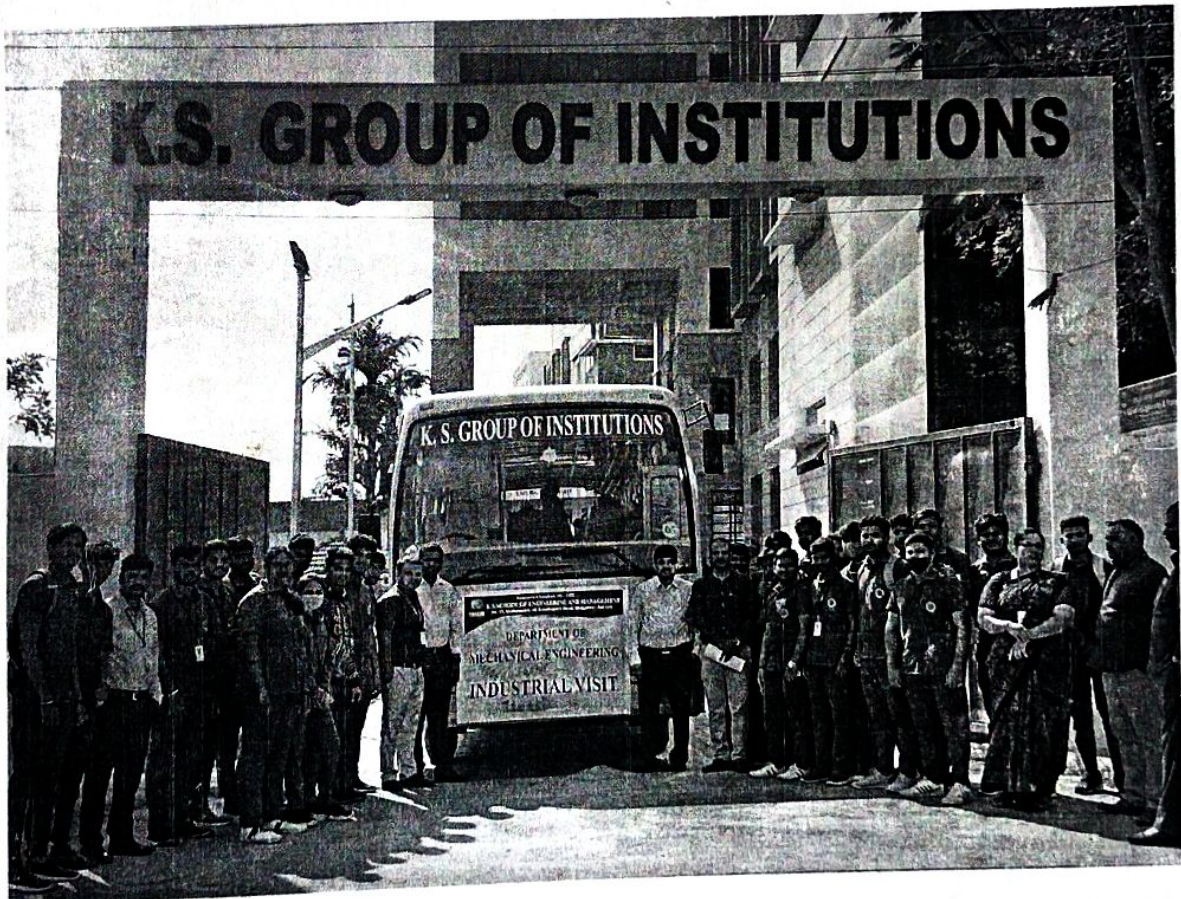


**A  
Report  
On  
Industrial visit  
To**

***“Bureau of Indian Standards”,***

*Opp. Jalahalli Metro, Peenya Industrial Area, 1<sup>st</sup> Stage, Tumkur Road,  
Vivekananda Nagar, Bengaluru, Karnataka 560058*

**On Monday, 13<sup>th</sup> June 2022**



**Department of Mechanical Engineering**  
**K S School of Engineering & Management, Bengaluru - 560109**



## **INTRODUCTION:**

BIS is the National Standard Body of India established under the BIS Act 2016 for the harmonious development of the activities of standardization, marking and quality certification of goods and for matters connected therewith or incidental thereto. BIS has been providing traceability and tangibility benefits to the national economy in a number of ways – providing safe reliable quality goods; minimizing health hazards to consumers; promoting exports and imports substitute; control over proliferation of varieties etc. through standardization, certification and testing.

Keeping in view, the interest of consumers as well as the industry, BIS is involved in various activities as given below:

- Standards Formulation
- Product Certification Scheme
- Compulsory Registration Scheme
- Foreign Manufacturers Certification Scheme
- Hall Marking Scheme
- Laboratory Services
- Laboratory Recognition Scheme
- Sale of Indian Standards
- Consumer Affairs Activities
- Promotional Activities
- Training Services, National & International level
- Information Services

## **OBJECTIVE OF THE VISIT:**

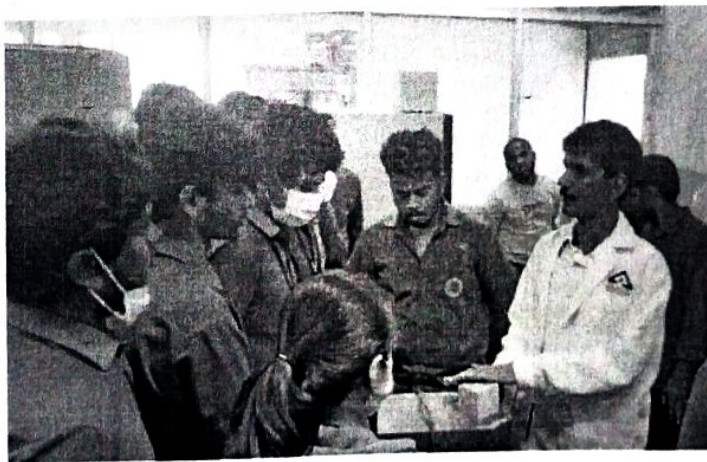
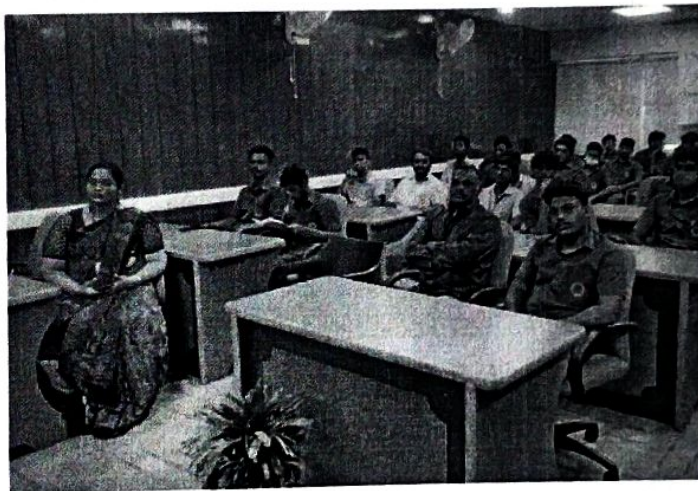
1. The students are able to gain the knowledge of Bureau of Indian Standards.
2. The students are able to visualize the Standards of consumer products how they testing with different aspects like Mechanical, Metallurgical, Electrical, Bio Chemical. .
3. The students are able to understand the certified production testing machines.
4. Students are able to understand various forms of testing process like Mineral Drinking Water Testing, Cement Block Testing, Toys Testing, Agricultural Pipe Testing Equipments, etc.

The students of K S School of Engineering and Management pursuing Mechanical Engineering in 4<sup>th</sup> semester and 6<sup>th</sup> semester visited Bureau of Indian Standards located in peenya, Begaluru as a part of industrial visit.

Where students had an opportunity to gain exposure on the knowledge of standards and measures. Students were introduced to different labs of different departments such as mechanical, electrical, civil and microbiology.

Students also saw tests performed on different products like cement, drinking package water, electric bulbs, food colors and other things .It lead us to gain knowledge of the standards and about various hallmarks.

The staffs of BIS helped us in gaining more knowledge and insight about BIS, Bengaluru and about the career opportunities in BIS as a mechanical engineer.

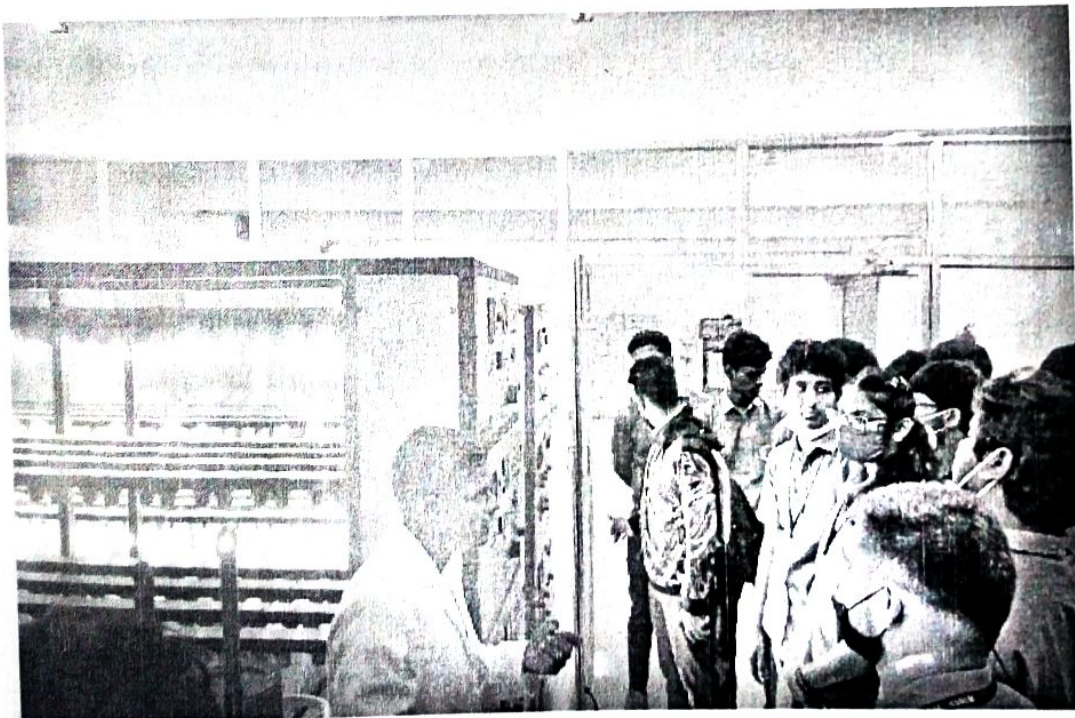


**Resource Person Showing the Concrete Cubical Block**



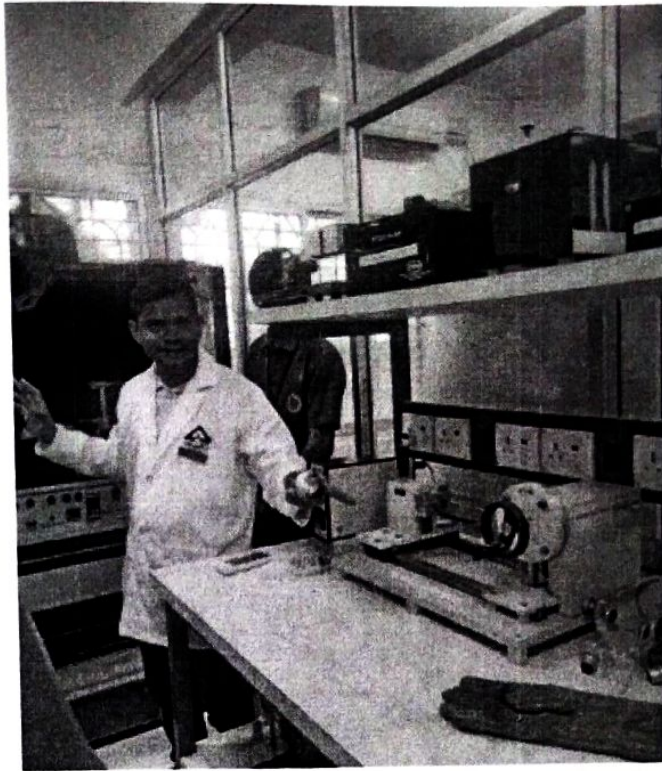


**Resource Person Showing the Different Grades of Sand**



**Resource Person Showing the Different Incandescent, CFL Bulb Life Testing Equipment.**





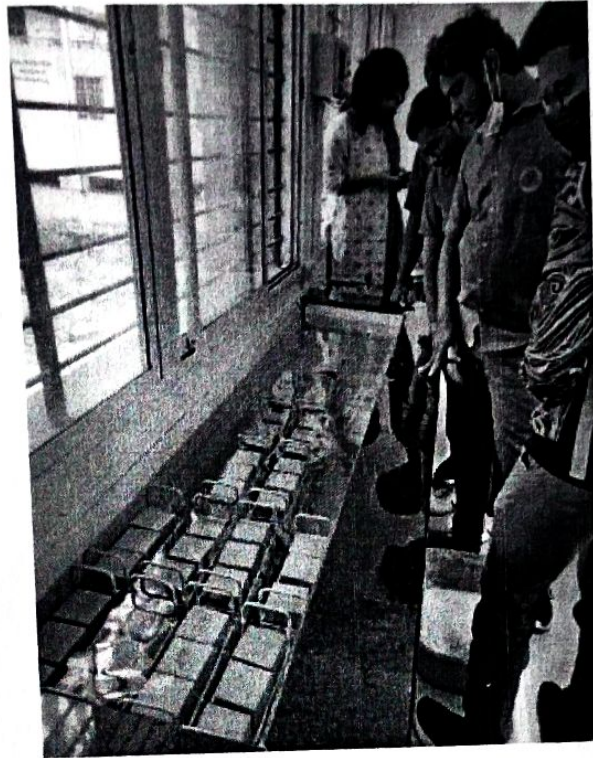
**Resource Person Showing the Different Incandescent, CFL Bulb Shear Testing Equipment.**



**Resource Person Showing the Different Types of PVC Pipes.**

The program was organized to enrich our student's practical knowledge on standards & its importance. All the students who visited gained knowledge and an idea about the BIS, ISI, Hall Mark standards and how they have certified.





**Students are Visualizing Concrete Cubes Curing**

We thank the organization-Bureau of Indian Standards and Mrs Shivangi Rai Standards Promotion Officer, BIS Bengaluru for providing opportunity for our students to this exposure visit.



**Group Photo**

  
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**Professor & Head**  
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K.S. Group Of Institutions  
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