

Activities of Standards Club 2023-24

The inaugural year of standards club in Stella Maris College was exuberant and satisfying and was the key for us to embark on our second year of association with the Bureau of Indian Standards.

Program 1: Inauguration of Standards club 2023-2024 and Investiture of New office bearers

The activities of the year 2023-24 was formally inaugurated on 21st September 2023. The new core group of members were selected and their investiture ceremony was conducted. Ms.Athifa, Ms.Afra, Ms.Jubilee, Ms.Pavithra, Ms.Linus and Ms.Rupa were the office bearers. About 43 new members were also inducted into the club this year.





Program 2: Inauguration of Learning series

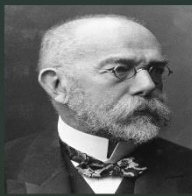
A learning series titled **B.T.S (Behind the Standards)** was launched with an aim of understanding the science behind the standards. The scientific concepts, principles and laws utilized in framing standards and its practical application in products was discussed.

The first session was on the science behind the standards for milk and milk products. The germ theory of diseases, principles of heat transfer and pasteurization were explained and demonstrated.



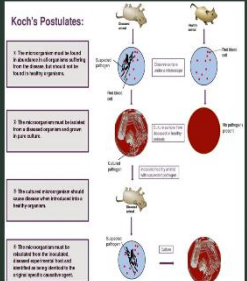
GERM THEORY OF DISEASE

Robert Koch



Koch's Postulates:

1. The microorganism must be found in abundance in all organisms affected by the disease and in few or none in healthy organisms.
2. The microorganism must be isolated from a diseased organism and grown in pure culture.
3. The cultured microorganism should cause disease to other susceptible healthy organisms.
4. The microorganism must be isolated from a diseased organism and grown in pure culture and reinoculated into healthy organisms to cause disease.



Program 3: Learning series II

The second in the learning series was on vacuum flask. Students understood the design of the vacuum flask and demonstrated through simple experiments the principles of heat transfer, radiation and thermal conductivity. The knowledge gained was evaluated through a post session questionnaire.



Program 4: World Standards day Celebration

The mentor of the club, Dr. Subhashree S, Assistant Professor, Department of Food Processing and Quality Control attended the World Standards Day celebration of the BIS at Le Meridian, Chennai on 13Th October 2023 in the presence of Shri. U.S.P. Yadav, Smt. Bhavani, Mr.Irai Anbu, Mrs. Bharathi Bhaskar, BIS officials, BIS standard club mentors, members and industry partners



Program 5: Awareness campaign for World Standards Day

An awareness campaign was conducted in the campus on 17th October 2023 to commemorate “World Standards Day” and feed curious minds with reliable and factual information. Students were engaged in interesting games that tested their knowledge and created awareness on hallmarking of gold jewellery and standards for products that are used in our day to day life.



Program 6: Manak Manthan program

Few of our students attended a Manak Manthan on standards for stainless steel feeding bottle on 25th January 2024. The session threw light on standards framing and helped students understand the various perspectives from which a product must be scrutinized for framing a usable standard.



Program 7: Poster making competition

A poster making competition was conducted for the members on the 6th of February 2024. Two themes namely 'BIS IN EVERYDAY LIFE' and 'BIS STANDARDS - OUR SAFETY NET' provided a broad and meaningful canvas for the participants to convey their thoughts and ideas through visual artistry.



Program 8: Mock Technical Committee Competition

A Mock Technical Committee competition was conducted on 27th February 2024. Participants actively deliberated on standards for products that were assigned to them and presented the standards. Students applied their knowledge and displayed excellence while putting together their ideas and views to the judges.



Program 9: Seminar

Shri. U.S.P Yadav, Scientist G, Deputy Director General, BIS Southern Region addressed the students on the topic “ISO – A commitment to Quality”. An expert in ISO standards, he stressed upon the importance of International standards and the positive impact it could have on the environment and health.



Prizes

Students actively participated in competitions and quizzes organized by BIS like the reel making contest, standardization contest, quiz on Quality and Standards etc. Ms. Sakshi Achar won the 3rd prize in the reel making competition and got a cash prize of Rs.5000/. In the national standardization contest conducted, Ms. Sakshi Achar's submission on 'edible films' won an appreciation and was awarded Rs.25,000/.

**STANDARDS CLUB
OF
STELLA MARIS COLLEGE (AUTONOMOUS)**



HEARTY CONGRATULATIONS TO



Sakshi Achar

**3rd year B.VOC Food Processing
and Quality Control**

For securing 3rd prize and Rs.5000
cash prize in
Reel Making contest conducted by the
Bureau of Indian Standards (BIS)
Chennai

STANDARDS CLUB OF



STELLA MARIS COLLEGE (AUTONOMOUS)

CONGRATULATIONS



Ms. SAKSHI ACHAR

3rd B.Voc Food Processing and
Quality Control

has received an Award in the
**"STANDARDIZATION CONTEST - SHAPING
TOMORROW'S SUSTAINABILITY STANDARDS"**
conducted by the Bureau of Indian Standards (BIS)
and receives a cash prize of Rs.25000