

Participation in BIS Conducted Quality and Standards Online Quiz on 20.06.2024

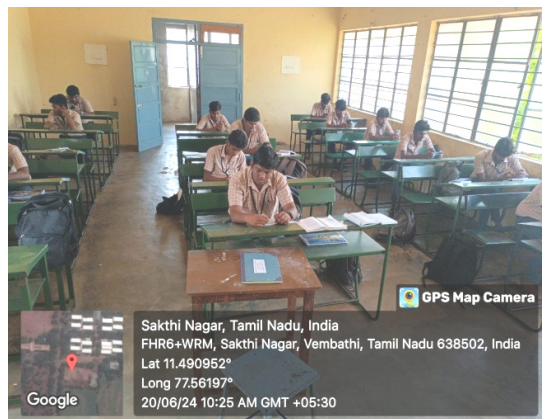
On 20th June 2024, the Standards Club members of Sakthi Polytechnic College participated in an online quiz organized by the Bureau of Indian Standards (BIS). This quiz aimed to enhance awareness and understanding of quality and standards among students. The event provided a platform for participants to test their knowledge and gain insights into the importance of quality standards in various sectors.

Objectives of the Quiz:

1. **Promote Awareness:** To increase awareness about the role and impact of quality standards in different industries.
2. **Educational Enhancement:** To offer a valuable learning experience regarding the principles of quality management and standardization.
3. **Engagement:** To actively engage students in the subject matter through an interactive quiz format.

Participation Details:

The event was conducted entirely online, allowing participants from various locations to join seamlessly. Members of the Standards Club at Sakthi Polytechnic College actively engaged in the quiz, showcasing their knowledge and enthusiasm for the subject.



Quiz Structure:

- **Format:** The quiz comprised multiple-choice questions focusing on different aspects of quality and standards.
- **Duration:** The quiz was conducted over a span of two hours.
- **Content:** Questions covered various topics related to quality management systems, standardization processes, and the role of BIS in setting benchmarks.

Outcome and Achievements:

- **Certificate of Participation:** All participants from Sakthi Polytechnic College received certificates of participation. These certificates acknowledge their involvement and performance in the quiz.
- **Knowledge Gained:** Participants gained valuable insights into the principles and practices of quality and standards, enhancing their understanding of the field.

The participation of Sakthi Polytechnic College's Standards Club members in the BIS Conducted Quality and Standards Online Quiz was a significant educational experience. The event successfully met its objectives of promoting awareness, enhancing knowledge, and engaging students in the field of quality and standards. The certificates of participation received by the members serve as a testament to their commitment and involvement in the subject.

BIS Coimbatore Branch Organizes Industrial Visit to ALWINPIPES for Sakthi Polytechnic College Standards Club Members on 05.07.2024

On July 5, 2024, the Bureau of Indian Standards (BIS) Coimbatore Branch organized an enlightening industrial visit for the members of the Sakthi Polytechnic College Standards Club (7026). The visit, held at ALWINPIPES in Vijayamangalam, was an exceptional opportunity for students to witness the practical application of their theoretical knowledge and to gain a deeper understanding of the industrial processes involved in pipe manufacturing.

Highlights of the Visit:

Warm Welcome and Introduction: The day commenced with a warm welcome from the ALWINPIPES team, followed by an introduction to the company's history, mission, and product range. This session provided students with a comprehensive overview of ALWINPIPES and its role in the industry.

Insightful Factory Tour: Participants were given a guided tour of the manufacturing facilities. The tour covered various stages of pipe production, including extrusion, molding, and quality control. Students observed the advanced machinery and equipment used in creating high-quality pipes and learned about the stringent quality assurance processes in place.

Interactive Q&A Session: An engaging Q&A session with industry experts allowed students to delve into technical aspects of pipe manufacturing and industry trends. The professionals addressed questions on engineering practices, technological innovations, and career opportunities within the sector.



Technological Innovations Presentation: A presentation on the latest technological advancements in pipe manufacturing highlighted the company's commitment to innovation and sustainability. Students gained insights into emerging trends and the future direction of the industry.



Networking and Feedback: During the lunch break, students had the chance to network with industry professionals and peers. Feedback was collected from participants, reflecting their enthusiasm and the educational value they derived from the visit.



Learning Outcomes:

The industrial visit provided Sakthi Polytechnic College Standards Club members with a valuable learning experience, bridging the gap between theoretical knowledge and practical application. Key takeaways included:

- Enhanced understanding of manufacturing processes and quality control measures.
- Insight into the latest technological advancements and industry practices.
- Exploration of potential career paths and skills required in the manufacturing sector.

The BIS Coimbatore Branch extends its gratitude to ALWINPIPER for their hospitality and for providing a detailed and informative tour. Special thanks to the Sakthi Polytechnic College Standards Club (7026) for their active participation and enthusiasm. We look forward to organizing more such visits and events that offer our students valuable industry exposure and practical learning opportunities.

World Standards Day Celebration (2024) and Standards Club Annual Day on 09.10.2024

The Department of Civil Engineering at Sakthi Polytechnic College celebrated World Standards Day 2024 and the annual day of the BIS Standards Club on October 9, 2024. This event aimed to promote quality awareness and safety standards among students and the community.

The event attracted 170 enthusiastic participants, showcasing their commitment to understanding the significance of standards in engineering and safety practices.

Activities: The celebration featured two main activities:

1. **Street Play on Quality Awareness:** The street play educated participants about the importance of quality in engineering and the role of standards in ensuring safety and reliability.
2. **BIS Safety Awareness Quiz:** A quiz tested participants' knowledge about the Bureau of Indian Standards (BIS) and safety regulations, fostering a competitive yet educational atmosphere.



Judging Panel: The street play was evaluated by a distinguished panel:

- Mrs. S. Kasthuri – Lecturer (Sel. GR-I), Electrical and Electronics Department
- Mr. S. Prabakaran – Lecturer, Mechanical Department.

Awards and Recognition: Winners of both the street play and the quiz were recognized for their outstanding performances. They received cash prizes and certificates, encouraging them to continue their efforts in promoting quality and safety awareness.

Program Schedule:

Welcome Address: The event commenced with a warm welcome by Dr. R. Shanmugam, Mentor of the BIS Standards Club, who highlighted the importance of standards in today's world.

Presidential Address: Mr. R. Lakshmanan, Principal In-Charge, emphasized the need for quality and safety in engineering.



Felicitations Address: Dr. K. R. Muthuswamy, Director, expressed appreciation for the students' efforts and the relevance of standards in their future careers.

Vote of Thanks: The event concluded with a vote of thanks by Mr. V. Manimuthu, Coordinator of the BIS Standards Club, acknowledging the contributions of all participants and organizers.



The program was meticulously coordinated by the Civil Engineering staff team, including Mrs. C. Sowmitha, Lecturer, and Mr. P. Dhanasekaran, JDO in Civil Engineering. The technical support team comprised Mr. S. Marimuthu, Mr. K. K. Gowrisankar, and Mr. P. Marappan, along with dedicated volunteers from the final and second-year Civil Engineering students.

The World Standards Day celebration and Standards Club annual day successfully raised awareness about quality and safety standards among students. The active participation and engagement from all attendees, along with the recognition of winners, contributed to the event's success, reinforcing the importance of standards in engineering practices.

"World Standards Day 2024 Celebration, BIS, Coimbatore, Globus Centre, Saravanampatty, October 14, 2024, Civil Engineering Students' Standards Club Members attended the event"

On October 14, 2024, the Civil Engineering Standards Club members proudly participated in the World Standards Day celebration organized by the Bureau of Indian Standards (BIS), Coimbatore. The event was held at Globus Centre, Saravanampatty, and brought together experts, professionals, and students to emphasize the importance of standardization.

The celebration commenced with an inaugural address by Chief Guest, emphasizing the significance of standards in ensuring quality, safety, and sustainability. Keynote speakers from various industries shared their experiences and insights on the impact of standardization on trade, innovation, and consumer protection.



Our Civil Engineering department Standards Club members, accompanied by our Mentor Dr.R.Shanmugam and Coordinator Mr.V.Manimuthu, actively engaged with the BIS officials, industry experts. and fellow participants.

The event provided an excellent platform for our students to:

- Gain knowledge on the latest standards and regulations
- Network with professionals from diverse fields
- Showcase their understanding of standardization principles



The World Standards Day celebration reinforced the importance of standardization in civil engineering, particularly in:

1. Ensuring structural integrity and safety
2. Promoting sustainable construction practices
3. Enhancing quality and reliability
4. Facilitating international trade and collaboration

The Civil Engineering Standards Club is grateful to BIS, Coimbatore, for organizing this enlightening event. Our members returned with renewed enthusiasm and a deeper understanding of the critical role standards play in shaping the civil engineering landscape. We look forward to integrating these insights into our academic pursuits and future professional endeavors.

BEST MENTOR APPRECIATION AWARD 2024

Dr. R. Shanmugam, HOD Civil, Honored by Bureau of Indian Standards, Coimbatore

On October 14, 2024, Dr. R. Shanmugam, Head of the Department of Civil Engineering, received the prestigious "Best Mentor Award" from the Bureau of Indian Standards (BIS), Coimbatore, at the World Standards Day Event 2024 held at Globus Centre, Saravanampatty.



This esteemed award recognizes Dr.Shanmugam's outstanding contributions as a mentor, guiding students in their academic and professional pursuits, and promoting standards and quality in civil engineering education.



BIS Coimbatore's Appreciation

BIS Coimbatore acknowledged Dr.R.Shanmugam's tireless efforts in promoting standards and quality, citing his:

- Exceptional mentorship
- Commitment to excellence
- Inspiring leadership

We congratulate Dr.Shanmugam on this remarkable achievement!

Standards Writing Competition on Materials Selection as per Indian Standards conducted by BIS- Standards Club (7026) of SPC on 20.02.2025

The BIS-Standards Club of the Sakthi Polytechnic College, Department of Civil Engineering, successfully conducted a Standards Writing Competition "Materials Selection as per Indian Standards" on 20.02.2025 and it aimed to encourage students to understand and apply Indian Standards in materials selection.

The BIS-Standards club, Department of Civil Engineering, Sakthi Polytechnic College, expresses its sincere gratitude to the Bureau of Indian Standards, Coimbatore, for their valuable support and guidance. We express our Special thanks to Mr. Sarathkumar / BIS, for his encouragement and financial support by BIS, which played a pivotal role in the successful conduct of the Standards writing competition.

Welcome Address: Dr. R. Shanmugam, Mentor of the BIS-Standards Club (7026), extended a warm welcome to all attendees and participants. He emphasized the importance of understanding and adhering to Indian Standards in the field of materials selection.

Presidential Address: Er.R.Lakshmanan, Principal Incharge, delivered the Presidential Address. He highlighted the relevance of standards in ensuring quality and safety in engineering practices and encouraged participants to utilize this opportunity to enhance their knowledge.

Felicitations Address: Dr. K. R. Muthuswamy, Director, provided the Felicitations Address. He praised the initiative and the involvement of students in promoting standards compliance, stressing the significance of rigorous standards in achieving excellence in engineering.





The evaluation of the competition was carried out by a distinguished panel of experts:

- Dr. A. Shyam, Lecturer, Mechanical Engineering
- Mr. V. Ashok, Lecturer, Department of Civil Engineering
- Mr. D. Kumar, Lecturer, Instrumentation & Control Engineering
- Mr. J. Yuvaraj, Lecturer, Metallurgy
- Mr. P. Dhanasekaran, Junior Drafting Officer, Civil Engineering

Their expertise ensured a thorough and fair assessment of the submissions based on relevance to the theme, clarity, and adherence to Indian Standards.



The winners of the Standards Writing Competition were announced and awarded cash prizes by Mr.R.Lakshmanan, Principal Incharge and Dr. K.R. Muthuswamy, Director, in a prestigious ceremony. The prizes were distributed in recognition of the students' outstanding performance and understanding of Indian Standards in materials selection. The function ends with feedback and vote of thanks by Mr.M.Kavin, Core Team BIS-SC.



The competition saw enthusiastic participation from a total of 99 students across General Engineering and all other departments of Sakthi Polytechnic College. The diverse participation underscored the widespread interest in standards and their application across different engineering fields. The function arrangement was skillfully handled by Mrs. C. Sowmitha, Lecturer/Civil, technical support staff members Mr. S. Marimuthu, Mr. K.K. Gowrishankar, and Mr. P. Marappan, along with student members of the Standards club. Their Collective efforts ensured a seamless and successful conduct of the standards writing competition.

Swachh Bharat Mission Awareness Programme and Campus Cleaning Drive on 20.02.2025 conducted by Civil-BIS Standards Club (7026)

The Civil-BIS Standards Club (7026) of our institution conducted a Swachh Bharat Mission Awareness Programme. followed by a

campus cleaning drive. The event aimed to promote cleanliness, hygiene, and community service among students, faculty members, and civil workers.



Inaugural Session

The programme commenced with a welcome address by Dr. R. Shanmugam, Mentor, Civil-BIS Standards Club. Dr. K.R. Muthuswamy, Director, delivered the felicitation address, emphasizing the importance of cleanliness and hygiene in our daily lives. Dr. S. Senthilarasu, Principal, presided over the function, highlighting the institution's commitment to social responsibility and community service.

Awareness Lecture

Dr. R. Shanmugam presented a thought-provoking lecture on Swachh Bharat Awareness, focusing on the significance of cleanliness, waste management, and environmental sustainability. The lecture inspired the participants to take ownership of maintaining a clean and healthy environment.



Participants

Students: Members of Civil-BIS Standards Club (7026)

Faculty Members: Dr. R. Shanmugam, Dr. K.R. Muthuswamy, Dr. S. Senthilarasu

Civil Workers: Over 100 participants

Campus Cleaning Drive

Following the awareness programme, over 100 members, including students, faculty members, and civil workers, participated in the campus cleaning drive. The team collectively cleaned the campus, removing waste, and promoting a sense of community responsibility.

Poster Competition on "Human Health and Indian Standards" conducted by BIS-Standards Club (7026) of SPC on 25.02.2025

On February 25, 2025, Sakthi Polytechnic College, in collaboration with the Bureau of Indian Standards (BIS), Coimbatore, successfully organized a Poster Competition themed "Human Health and Indian Standards."

The event was conducted by the BIS standards Club (7026) of the Department of Civil Engineering, aiming to highlight the intersection of human health and the role of Indian Standards in ensuring safety and well-being. We express our special thanks to

Mr. Sarathkumar / BIS, for continuous encouragement and financial support by BIS, which played a pivotal role in the successful conduct of the poster competition.

A total of 67 participants from various departments of our institution took part in the competition, demonstrating significant enthusiasm and creativity in addressing the theme.

Awards and Recognitions

The competition recognized and awarded the following entries:

- **First Prize:** Rs. 1,000/-
- **Second Prize:** Rs. 750/-
- **Third Prize:** Rs. 500/-
- **Consolation Prize:** Rs. 250/-

The best posters were selected based on their relevance to the theme, creativity, and overall presentation.

Judging Panel

The competition was judged by esteemed faculty members:

- **Mr. M. Senthilkumar**, Head of the Department / Metallurgy
- **Mr. K. Saravanan**, Head of the Department / Electronics



Inaugural address and Special Address:

- **Welcome Address:** Dr. R. Shanmugam, Mentor of the BIS Standards Club, extended a warm welcome to all participants, judges, and guests. He emphasized the importance of integrating standards with human health for ensuring safety and quality of life.



Inaugural address and Special Address:

- **Welcome Address:** Dr. R. Shanmugam, Mentor of the BIS Standards Club, extended a warm welcome to all participants, judges, and guests. He emphasized the importance of integrating standards with human health for ensuring safety and quality of life.
- **Special Address:** Dr. S. Chitra, Principal In-Charge, provided insights into the significance of the theme and encouraged participants to continue exploring how standards impact health and safety in daily life.
- **Felicitation Address :** Dr. K. R. Muthuswamy, Director, felicitated the winners and participants, acknowledging their efforts and creativity. He expressed appreciation for the high quality of the submissions and emphasized the role of education and standards in promoting public health.



The event was meticulously coordinated by Mrs. C. Sowmitha, Mr.M.Chandran, Mr.P.Dhanasekaran, Mr. S. Marimuthu, Mr. P. G. Sanjaiprasath, Mrs. K. Malarvizhi, Staff members of Civil Engineering Department and BIS Standards Club members. Their collective efforts ensured the smooth execution of the event, contributing significantly to its success.

Science Exhibition Organized by the BIS Standard Club(7026) and Department of Physics on 26.02.2025

The BIS Standard Club (7026) of the Department of Civil Engineering and the Department of Physics jointly organized a Science Exhibition in celebration of National Science Day 2025. The event was held to promote the spirit of scientific inquiry, innovation, and awareness among polytechnic students. The exhibition showcased a variety of scientific models, experiments, and demonstrations, reflecting the diverse branches of science, including physics, chemistry, and engineering.



The program was coordinated by a dedicated team of faculty members, including Dr. R. Shanmugam, Mentor of the BIS Standards Club (7026), Dr. R. Kannan, Lecturer in Physics, Dr. R. Jothimurugan, Lecturer in Physics, Mr. K. Anand, Lecturer in Chemistry, Dr. M. Thangapandy, the Librarian, and Mr. V. Manimuthu, Coordinator of the BIS Standards Club. Their hard work and collaboration led to the success of the event, which aimed to engage students in the world of science and foster greater interest in the field.





The Chief Patron of the event, Dr. K. R. Muthuswamy, and the Patron, Dr. S. Senthilarasu, visited the exhibition and addressed the gathering, emphasizing the importance of science and technology in shaping the future. Dr. Muthuswamy in his speech, highlighted the relevance of scientific knowledge in solving real-world challenges and encouraged students to continue exploring scientific concepts with curiosity and dedication. Dr.S.Senthilarasu also spoke about the significance of National Science Day, which commemorates the contributions of renowned scientists like Dr. C. V. Raman, whose discoveries paved the way for numerous advancements in science and technology.

The exhibition featured interactive displays and live demonstrations, allowing students to engage with scientific concepts in a hands-on manner.



Various models such as renewable energy systems, simple machines, and chemistry experiments were presented, illustrating how fundamental scientific principles could be applied to everyday life.



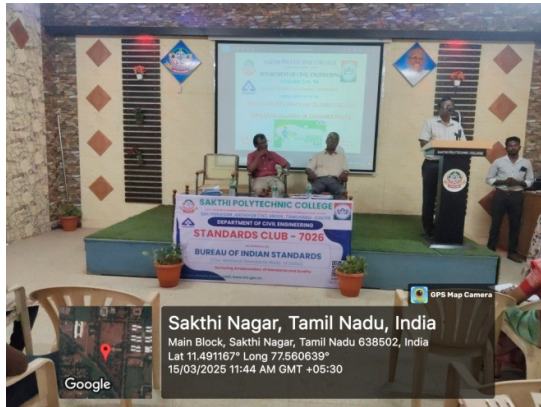
These activities aimed to inspire students to think critically and develop innovative solutions to contemporary issues.

BIS-Standards Club 7026 (Civil) celebrated World Consumer Rights Day on 15.03.2025

The event aimed to create awareness about consumer rights and promote the use of quality ISI building materials. The occasion was graced by Dr. K.R. Muthuswamy, Director and Dr. S. Senthil Arasu, Principal. Dr. R. Shanmugam, Mentor, BIS Standards Club 7026, delivered a keynote address, emphasizing the importance of consumer rights and standards.



Standards Club members demonstrated the importance of buying quality ISI building materials products, highlighting consumer rights among workers and civil students. The event aimed to educate participants on the significance of standards and quality in construction materials.



The celebration of World Consumer Rights Day at Sakthi Polytechnic College was a resounding success, promoting awareness about consumer rights and standards among students, workers, and faculty members. The event reinforced the importance of quality and standards in construction materials, ensuring a safer and more sustainable built environment.

The event was organized by BIS Club Coordinator V. Manimuthu and supported by Mr. M. Chandran, Lecturer; Mrs. C. Sowmitha, Lecturer, Mr. P. Dhanasekaran, Jr. Drafting Officer, Mr. S. Marimuthu, Skilled Assistant, Mr. P.G. Sanjai Prasath, Lab Assistant and Mrs. K. Malarvizhi, Lab Assistant.