Institution's Innovation Council
Saurashtra University

Seminar
on
"Standardization in Quality: Elevating Entrepreneurs in the Marketplace"

20th October 2023
At
Seminar Hall, Department of Social Work,

Saurashtra University, Rajkot

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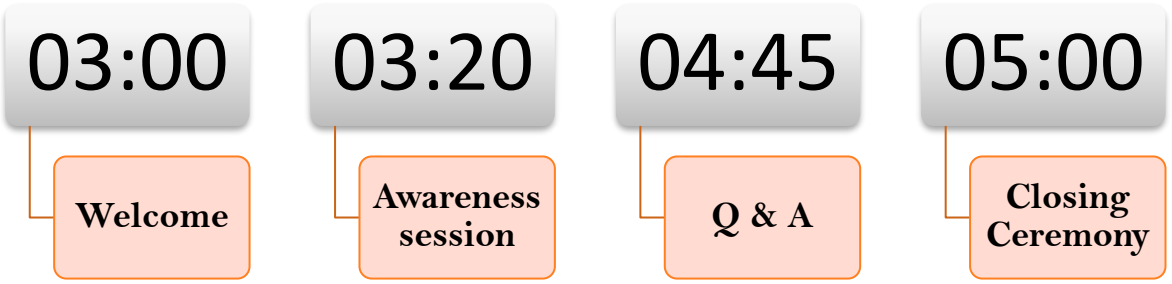
Saurashtra University – IIC

The university is dedicated to instruction, research, and extending knowledge to the public (public service). Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation among all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years. Saurashtra University is one the Organization that have constituted the IIC to foster the vision of MoE and be a part for the promotion and development of innovation ecosystem.

Event Schedule



Event Registration Link

bit.ly/SUSEC-MSW

Brief about Event

The SU Startup and Entrepreneurship Council, in collaboration with the IIC Saurashtra University and Department of Social Work, Saurashtra University hosted a seminar on "Standardization in Quality: Elevating Entrepreneurs in the Marketplace" on 20th October, 2023 at Seminar Hall, Department of Social Work, Saurashtra University, Rajkot. At the beginning of the session, Mr. R.M. Dave delivered a welcome speech.

During the event, the guest speaker Mr. Jasmin Dhakan provided a brief overview of standardization. What Is standardization? and its answer is the process of making something confirm to a standard. Standardization is the process of developing, promoting and possibly mandating standard-based and compatible technologies and processes within given industry. Stakeholder analysis is a systematic process used to identify, prioritize, and understand the individuals, groups, or entities that can influence or are influenced by an organization, project, or decision. This analysis helps organizations better understand their stakeholders' interests, needs, and concerns, which in turn can inform strategic decision-making. SOPs are documented, step-by-step guidelines that define how specific tasks or processes should be carried out within an organization. They are designed to ensure consistency, efficiency, and quality in the execution of routine operations. SOPs are commonly used in industries like healthcare, manufacturing, and customer service.

The second question happens why standardization? Standardization in an organization aims to eliminate coordination issues and streamline decision making. It ensures that processes and products adhere to establishes norms and guidelines. Standardization benefits include enhanced efficiency, improved product quality, safety assurance, and compatibility among components or systems. It simplifies decision making by providing a common framework. Standardization contributes to a more organized and efficient work environment. What is the importance of standardization? Standardization in business is crucial for product quality and safety. It plays a significant role in maintaining consistence product quality. Standardization promotes compatibility among products. It establishes uniform practices within an industry. Standardization contributes to product safety, quality, and industry wide consistency.

Afterward sir explain standardization involves various stakeholders who play different roles in the development and implementation of standards and here's a brief explanation of each:

ISO (International Organization for Standardization):
ISO is the international body that develops and publishes standards for various industries and sectors. These standards help ensure the quality, safety, and efficiency of products and services on a global scale.

IAF (International Accreditation Forum):
IAF is an international association of accreditation bodies and other organizations involved in conformity assessment activities. It provides a framework for the mutual recognition of accredited management systems and product certifications.

ILAC (International Laboratory Accreditation Cooperation):
ILAC is an international organization that promotes the global acceptance of accredited laboratory and inspection body results. It works closely with IAF to ensure conformity assessment activities are carried out consistently and reliably.

EA (European co-operation for Accreditation):
EA is a European network of accreditation bodies involved in accreditation activities, including calibration, testing, inspection, and certification.

IAAC (Inter-American Accreditation Cooperation):
IAAC is a regional organization in the Americas that facilitates the cooperation and mutual recognition of accreditation bodies for conformity assessment.

APAC (Asia-Pacific Accreditation Cooperation):
APAC is a regional cooperation organization for accreditation bodies in the Asia-Pacific region. It promotes the equivalence and acceptance of accredited certificates and reports.

AFRAC (African Accreditation Cooperation):
AFRAC is a cooperation organization for accreditation bodies in Africa. It promotes the quality and competence of conformity assessment bodies in the region.

ARAC (Arab Accreditation Cooperation):
ARAC is a cooperation organization for accreditation bodies in the Arab region. It works to enhance the confidence of consumers and facilitate trade through accreditation.

UKAS (United Kingdom Accreditation Service):
UKAS is the national accreditation body for the United Kingdom. It assesses and accredits organizations, including testing laboratories, calibration services, and certification bodies.

ANIAB (National Accreditation and Inspection Board, Nigeria):
ANIAB is the national accreditation and inspection body for Nigeria, responsible for accrediting laboratories and inspection bodies.

EIAC (Emirates International Accreditation Centre):
EIAC is the national accreditation body of the United Arab Emirates, responsible for accrediting conformity assessment bodies in the UAE.

Ghana National Accreditation Service (GNAS):
GNAS is the national accreditation body of Ghana, responsible for accrediting laboratories, certification bodies, and inspection bodies to ensure they meet international standards and guidelines.

Then sir introduce types of certifications

- Product certification- ISO/IEC17065 and ISO/IEC17020,
- Process certification- ISO/IEC17021,
- Tasting and calibration certification- ISO/IEC17025,
- Personnel certification- ISO/IEC17025,

Student understand examples of certification.

- System certification: ISO 9001, ISO 14001, ISO 45001, ISO 27001
- Product certification: SASO, SON CAP
- Tasting and calibration certification: Mechanical testing, Chemical testing, Electrical testing, Measuring equipment, Calibration

- Personnel certification: Auditor, Lifeguard, Welding Operator Student understand examples of certification.

After that sir talked about Documentation in Standardization:

Tier 1: What to do? Manual
Tier 2: How we do? Procedures, Policies, Annexures
Tier 3: Evidence of the implementation- Formats

Mr. R.M. Dave concluded the session with a thank-you speech.

Key Points

During the session, below mentioned points were discussed:

- Overview of standardization
- Importance of standardization
- Stakeholders in standardization
- Types of certifications
- Examples of certification
- Documentation in standardization
- FAQs related to standardization in quality?

Outcome

During the event, guest speaker Mr. Jasmin Dhakan talked about standardization provided a comprehensive understanding of its importance. Standardization was defined as the process of conforming to established standards, with an emphasis on eliminating coordination issues, enhancing efficiency, improving product quality, and promoting safety and compatibility among components. The importance of standardization in business, including its role in ensuring consistent product quality and industry wide compatibility, was emphasis. The discussion on stakeholders involved in the development and implementation of standards, various types of certifications, and the documentation in standardization reveal the deciding role of this process in elevating entrepreneurs and ensuring organized and efficient work environments. Overall, the seminar delivered valuable awareness into the world of standardization and its significance for businesses and entrepreneurs.

About the Speaker/Chief Guest

Mr. Jasmin Dhakan	Sr. Business consultant and trainer, Delhi

SSIP
STANDARDIZATION IN QUALITY:

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