



KSSEM
K S SCHOOL OF ENGINEERING AND MANAGEMENT

KammavariSangham (R) 1952

K. S. GROUP OF INSTITUTIONS

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

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DEPARTMENT OF MECHANICAL ENGINEERING

One-Day Seminar on Industrial Safety

"Safe Practices & Secure Future" Report

Introduction:

We have organized one-day seminar on "Safe Practices, Secure Future" one-day seminar on Industrial Safety, organized by the prestigious Mechanical Engineering Department at the KS School of Engineering and Management. This seminar is designed to provide valuable insight and knowledge to safety professional on behavioral based safety, and tools and technologies for safe practices.

Target Group: This seminar caters specifically to safety professionals and employees working in various industries. Whether you are an experienced safety officer or a dedicated employee looking to enhance your understanding of industrial safety practices, this seminar is tailored to meet your needs.

Learn from Industry Experts: Our seminar brings together a line-up of safety experts, trainers, and consultants who possess extensive experience in the field of industrial safety. They will share their expertise, insights, and real-world examples to **provide participants with practical knowledge and innovative solutions.**

Association with Professional Bodies: In our pursuit of excellence, we have collaborated with professional bodies related to safety. This strategic partnership ensures that the seminar stays at the forefront of the latest advancements and industry trends. By attending, participants gain access to cutting-edge information and resources.

Objectives of the Program:

- Gain a comprehensive understanding of the latest trends in safety tools and processes.
- Acquire knowledge on implementing best practices to reduce workplace risks and improve safety outcomes.
- Enhance awareness of regulatory requirements and compliance standards pertaining to industrial safety.
- Foster a culture of continuous improvement and innovation in safety practices within organizations.

Date: 23rd January 2024

Venue: Architecture Seminar Hall, KSSEM Campus

Eligibility:

Industry Employees those who are working in companies, faculty members and students who wanted to empower their knowledge in the industrial safety.

Registration Fee:

Industry	Faculty	Research Scholars / Students
Rs 3,000/-	Rs 1,000/-	Rs 750/-

Payment Details:

A/c Name : KS SCHOOL OF ENGINEERING & MANAGEMENT

Bank Name : Axis Bank

A/c Number : 911010055761116

IFSC Code : UTIB0001513

Branch : JP Nagar 6th Phase, Bengaluru

Registration :

<https://docs.google.com/forms/d/e/1FAIpQLSfuiM5RQYpEG0II7HLkcBO3bQMw2JigKyUtAXU-22gQ2k7N5g/viewform>



- **Number of Members registered and attended:**
- Industry:160 no
- Academic:23no

Organizing Body:

The Mechanical Department of KSSEM, with the backing of KSRIF, demonstrated commendable organizational prowess in orchestrating a seamless and impactful event. Their commitment to fostering intellectual exchange and facilitating such significant dialogues was evident in the flawless execution of the inaugural gathering.

Speaker Details -

Sl. No	Topic	Resource Person	Organization
1	"BBS: Significance and Advantages"	Mr. Mangesh Jadhav	Dy. Manager - Safety Section, HR Department, Toyota Kirloskar Auto Parts Pvt. Ltd, Bengaluru
2	"Salient features of the Indian Factories Act and Karnataka Factories Rules"	Dr. Narayanappa T V	Deputy Director of Factories, Dept. of Factories and Boilers, Industrial safety and Health. Bengaluru
3	"Maintaining Health and Hygiene Standards in the Industrial Sector"	Dr. Hanumantha Rao	Retired Senior Engineer MICO Bosch, Bengaluru
4	"Ensuring Industrial Safety: Comprehensive Risk Assessment in Industrial Settings"	Mr. Sajith Sahadevan	Head of Environment Health & Safety, Anthem Biosciences Pvt. Ltd, Bengaluru

Budget Details:

Approximate Spend: 2,00,000/- Rs only.

Revenue Generated: 5,00,000/- Rs only.

Program Schedule:

Registration	9:00-9:30 AM
Inaugural Session	9:30-9:32 AM
Invocation song by Mr. Parashuram & team	9:32-9:34 AM
Welcome Address by Dr. K Ramanarasimha, Principal KSSEM	9:34-9:43 AM
Lighting of the Lamp	9:43-9:45 AM
Overview of the Seminar by Dr. D R Swamy, KSRIF	9:45-9:55 AM
Inaugural Speech by Chief Guest Dr. T V Narayanappa, Deputy Director of factories, Govt. of Karnataka	9:55-10:25 AM
Felicitations to Chief Guest	10:25-10:27 AM
Presidential address by Sri. R. Rajagopal Naidu, President, KSGI	10:27-10:37 AM
Address by Sri. R. Leela Shankar Rao, Secretary, KSGI	10:37-10:40 AM
Address by Sri. T. Neerajakshulu Naidu, Treasurer, KSGI	10:40-10:43 AM
Address by Dr. K. V. A. Balaji, CEO, KSGI	10:43-10:46 AM
Vote of thanks by Dr. Balaji B, Assoc. Director Adm & PR, HOD-ME	10:46-10:50 AM
Tea break	10:50-11:00 AM
Session 1 "BBS: Significance and Advantages" by Mr. Mangesh Jadhav	11:00-11:50 AM
Session 2 "Maintaining Health and Hygiene Standards in the Industrial Sector" by Dr. Hanumantha Rao	11:50-12:40 PM
Lunch break	12:40-1:10 PM
Session 3 "Ensuring Industrial Safety: Comprehensive Risk Assessment in Industrial Settings" by Mr. Sajith Sahadevan	1:10-2:00 PM
Session 4 "Industrial Regulations and Statutory Obligations: A Comprehensive Guide" by Dr. Narayanappa T V	2:00-2:50 PM
Pannel discussion	2:50-3:10 PM
Valedictory	3:10-3:15 PM
High Tea	3:15-3:30 PM

Event Highlights: Important topics covered on different sessions:

1. Risk Assessment: Conduct thorough risk assessments to identify potential hazards in the industrial environment. This includes machinery, chemicals, electrical systems, and other work-related factors.

2. Training and Education: Provide comprehensive training for all employees on safety protocols, emergency procedures, and the proper use of equipment. Regularly update training programs to stay current with industry standards.

3. Personal Protective Equipment (PPE): Ensure the availability and proper use of PPE such as helmets, safety glasses, gloves, and other protective gear to mitigate the risk of injuries.

4. Emergency Response Plans: Develop and communicate clear emergency response plans to handle accidents, fires, spills, and other unforeseen incidents. Conduct regular drills to ensure all employees are familiar with procedures.

5. Equipment Maintenance: Regularly inspect and maintain machinery and equipment to prevent malfunctions or breakdowns that could lead to accidents. Implement preventive maintenance schedules and promptly address any issues.

6. Chemical Safety: Implement strict guidelines for the handling, storage, and disposal of chemicals. Provide proper labeling, training on material safety data sheets (MSDS), and ensure the availability of safety showers and eyewash stations.

7. Electrical Safety: Adhere to electrical safety standards, regularly inspect electrical systems, and train employees on safe electrical practices. Implement lockout/tagout procedures to prevent accidental equipment activation.

8. Fall Protection: Implement fall protection measures, especially for work at heights. Provide appropriate fall arrest systems, guardrails, and training on the proper use of safety harnesses.

9. Noise Control: Implement measures to control and reduce noise levels in the workplace. Provide hearing protection where necessary and conduct regular monitoring to ensure compliance with noise regulations.

10. Hazard Communication: Clearly communicate potential hazards through signage, labels, and training programs. Ensure that all employees are aware of the risks associated with their tasks and how to mitigate them.

11. Safety Culture: Foster a strong safety culture where employees prioritize and actively participate in maintaining a safe working environment. Encourage reporting of near misses and incidents to continuously improve safety measures.

12. Regulatory Compliance: Stay abreast of and comply with local, national, and international safety regulations relevant to the industry. Regularly update safety protocols to align with changing regulatory requirements.

Future Outlook:

"Industrial Safety: Safe Practices & Secure Future"

1. Workplace Accident Reduction:

- ❖ Implementation of stringent safety protocols leads to a significant reduction in workplace accidents. Enhanced awareness and adherence to safety guidelines contribute to a safer work environment.

2. Employee Well-being:

- ❖ Prioritizing industrial safety ensures the well-being of employees. Reduced injury rates lead to improved morale and job satisfaction among workers.

3. Productivity and Efficiency:

- ❖ Safe practices contribute to a more efficient and productive workplace. Reduced downtime due to accidents and injuries enhances overall operational efficiency.

4. Regulatory Compliance:

- ❖ Adherence to industrial safety standards ensures compliance with regulations and avoids legal consequences. Regular safety audits and inspections help in maintaining a compliant work environment.

5. Cost Savings:

- ❖ Investing in safety measures results in long-term cost savings. Prevention of accidents and injuries minimizes medical expenses, worker compensation claims, and potential legal costs.

6. Enhanced Corporate Reputation:

- ❖ A commitment to industrial safety fosters a positive corporate image. Reputation for prioritizing employee safety can attract top talent and business partnerships.

7. Risk Mitigation:

- ❖ Identification and mitigation of potential hazards reduce the overall risk of accidents. Proactive safety measures help in preventing catastrophic events and financial losses.

8. Emergency Preparedness:

- ❖ Robust safety protocols include comprehensive emergency preparedness plans. Quick response to emergencies minimizes damage and ensures the safety of personnel.

9. Continuous Improvement:

- ❖ Regular safety training and feedback mechanisms foster a culture of continuous improvement. Learning from incidents and near misses contributes to ongoing enhancement of safety measures.

10. Community and Environmental Impact:

- ❖ Safe industrial practices positively impact the surrounding community. Environmental consciousness in safety measures reduces the ecological footprint of industrial activities.

Conclusion:

In conclusion, the mantra of "Safe Practices & Secure Future" encapsulates the multifaceted benefits derived from prioritizing industrial safety. Beyond the immediate reduction in workplace accidents and enhancement of employee well-being, the ripple effects extend to improved productivity, cost savings, and a fortified corporate reputation. Adhering to safety regulations not only ensures compliance but also mitigates risks, fosters emergency preparedness, and cultivates a culture of continuous improvement. Importantly, the positive impact extends beyond the workplace to the community and environment. As industries embrace and invest in robust safety measures, they not only safeguard their workforce but also contribute to a resilient and sustainable future.

Feedback Form Link :

<https://forms.gle/xqK4yxvqJp6xW8R49>

Gallery:









