

# Government Science College Vankal

*Organizes*

## Disaster Management Training on “Fire Safety”

20<sup>th</sup> March 2024

### Report

**Time: 12.00 pm onwards**

**Venue: Assembly Ground**

A one day Disaster Management Training on “Fire Safety” was organized by IQAC of Government Science College, Vankal in association with Sure Safety India Ltd on 20<sup>th</sup> March 2024. The Sure Safety India Ltd, Vadodara, had installed fire safety equipment's in the college and hence was invited for the fire safety training. **Mr. Punit** from Sure Safety Company served as the resource person and trainer for the event.

The objective of the fire safety workshop was to educate participants, which included students, teaching and non-teaching staff about fire prevention techniques, emergency procedures, and safety measures to minimize the risk of fire incidents in both residential and college campus.



The workshop commenced with an introduction to the importance of fire safety and the potential hazards associated with fire incidents. Various topics were covered throughout the session, including:

1. **Types of fires:** A, B, C, D, F and Electrical types of fires were explained.

Class A: Fires involving organic solids like paper, wood, and fabric

Class B: Fires involving flammable liquids like petrol, turpentine, paint, propane, natural gas, gasoline, and kerosene

Class C: Fires involving flammable gases like hydrogen, butane, or methane

Class D: Fires involving burning metals like magnesium, aluminium, or potassium

Class F: Fires involving fats such as used in deep fat fryers or cooking oils like chip-pan fires

Electrical: Fires caused by electrical equipment like wiring, plug sockets, appliances, and circuit breakers



## 2. Fire Prevention:

- Identifying common causes of fires such as electrical faults, flammable materials, and cooking accidents.
- Implementing preventive measures such as proper storage of flammable substances, regular maintenance of electrical systems, and safe handling of cooking equipment.

## 3. Emergency Procedures:

- Demonstrating the proper usage of fire extinguishers, including the PASS technique (Pull, Aim, Squeeze, Sweep).
- Conducting fire drills to familiarize participants with evacuation procedures and assembly points.
- Highlighting the importance of maintaining clear exit routes and ensuring accessibility for emergency responders.



#### 4. Fire Safety Equipment:

- Providing information on different types of fire extinguishers and their suitable applications.
- Discussing the importance of smoke alarms, fire blankets, and sprinkler systems in early detection and suppression of fires.

#### 5. Risk Assessment and Planning:

- Conducting risk assessments to identify potential fire hazards and vulnerabilities within premises.
- Developing fire safety plans tailored to specific environments, including strategies for evacuation, communication, and emergency response.

**Interactive Sessions:** The workshop featured interactive sessions to engage participants and reinforce learning. These sessions included:

- Hands-on demonstrations of fire extinguisher usage.
- Group discussions on real-life fire scenarios and appropriate response actions.
- Role-playing exercises simulating emergency situations to practice evacuation procedures.



**Outcomes:** Participants gained valuable insights into fire safety practices and acquired practical skills to mitigate fire risks effectively. Key takeaways from the workshop included:

- Increased awareness of fire hazards and preventive measures.
- Enhanced proficiency in emergency response techniques.
- Improved understanding of the importance of regular fire safety inspections and maintenance.

**Conclusion:** The fire safety workshop provided participants with essential knowledge and skills to enhance fire preparedness and ensure the safety of individuals and properties. By promoting proactive measures and effective emergency response strategies, the workshop aimed to reduce the likelihood and severity of fire incidents in both home and laboratory settings.

**Recommendations:** To sustain the benefits of the workshop, it is recommended to:

- Conduct regular fire safety training sessions for staff members and residents.
- Review and update fire safety protocols in accordance with relevant regulations and best practices.
- Encourage ongoing communication and collaboration between stakeholders to address fire safety concerns effectively.

**Acknowledgments:** We extend our gratitude to Sure Safety India Limited, Vadodara for their participation and contributions to the success of the fire safety workshop.

The event was Co-ordinated by Dr. Anil Kumar Singh, Head of Microbiology department of the college.

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