

Sarvajanik Education Society SARVAJANIK UNIVERSITY



Sarvajanik College of Engineering and Technology

Report on

Civil Defense Training

Organized by

Women Development Cell in collaboration with NSS





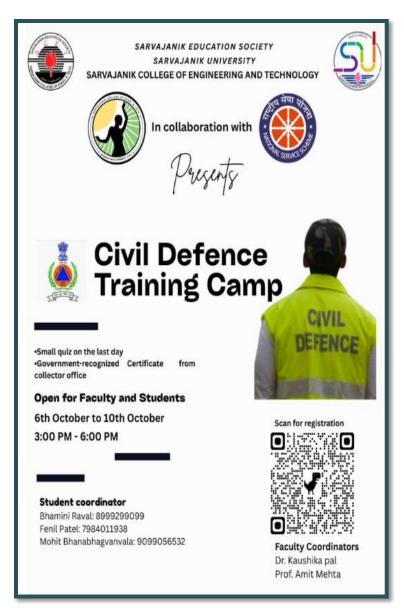
Held on 6th October to 10th October 2025

Coordinated by

Dr. Kaushika Pal Prof. Amit Mehta

Objectives of the Civil Defence Training Program

- To equip students with the skills and confidence to respond effectively and safely during emergency and disaster situations.
- To provide hands-on training in the proper use of fire extinguishers, first aid techniques, CPR, and basic rescue tools.
- To enhance awareness and understanding of disaster management principles, personal safety, and preventive measures.
- To develop teamwork, discipline, leadership, and presence of mind required for coordinated emergency response.
- To promote a culture of helping others while prioritizing one's own safety and situational awareness.
- To instill a sense of civic duty, social responsibility, and readiness to serve the community during crises.



Details of the Training Program

Date and Time:	6 th October to 10 th ctober, 2025 Time: 3:00 PM to 6:00 PM
Venue:	NJ Seminar Hall
Targeted Audience	Faculty members and Students of SCET
Coordinated By:	Dr. Kaushika Pal, Prof. Amit Mehta
Organized By	Women Development Cell in collaboration with NSS
Participation	60+
Speaker	 Shri. Mo. Naved Shaikh, Chief Warden, Surat District & Eamp; Master Trainer; Shri. Vijay Chhaira, Deputy Chief Warden, Surat & Eamp; ToT Trainer; Shri. Vijay Patel, Deputy Chief Warden, Surat & Eamp; Master Trainer; Shri. Satya Dave, Divisional Warden, Lal Gate & Eamp; ToT Trainer; Shri. Ashish Vadodariya, Deputy Divisional Warden, Amroli & Eamp; ToT Trainer; Shri. Amitsinh Patel, Warden & Eamp; ToT Trainer; Shri. Jagrut Acharya, Deputy Divisional Warden, Lal Gate; Shri. Prakash Vekariya, Divisional Warden, Amroli & Eamp; ToT Trainer; Shri. Piyus Jajal, ToT Trainer; Shri. Kaushal Dasani, ToT Trainer; Shri. Sanjay Mistri, Warden; and Shri. J. M. Vaghela, PI and Chief Officer.
Technical Setup Assistance	Ms. Tejal Surati
Students Coordinators	Bhamini Raval Fenil Patel Mohit Bhanabhagvanvala
Volunteers	Parmar Dhruti Rakesh Vaghasiya Devam Jagdishbhai Nair Revathy SantoshKumar Talekar Vishal Pravinbhai
Key Learnings	 Gained understanding of Civil Defence principles and the importance of CPR (Cardiopulmonary Resuscitation) in emergency situations. Learned about fire safety measures and the correct use of fire extinguishers Acquired practical knowledge of Civil Defence services and rope knot techniques for rescue operations. Understood various rescue methods, the hierarchy of response teams, and safety awareness protocols during emergencies. Participated in Fire Brigade demonstrations and hands-on fire drills to enhance real-life emergency response skills.

Introduction:

The Civil Defence Training Program organised by the WDC IN COLLABORATION NSS Unit of Sarvajanik College of Engineering and Technology (SCET) aimed to raise awareness and preparedness among students for managing emergencies. Civil Defence refers to a group of people who assist others in critical situations, save lives, and also ensure their own safety. It teaches individuals how to protect themselves and help others during disasters such as fires, floods, or accidents. Over the five-day training, officers provided both theoretical and practical knowledge on fire safety, CPR, first aid, and rescue operations, helping students gain confidence and responsibility in emergency response.

Day 1: Introduction to Civil Defence and CPR Training

The first day of the Civil Defence Training Program began with an introductory session conducted by Civil Defence officers. They explained what Civil Defence is and why it is important to learn about it. Civil Defence means a group of trained people who help others in emergency situations and natural disasters such as tsunamis, earthquakes, and tornadoes, while also ensuring their own safety. The officers discussed the significance of awareness, quick response, and discipline during such critical situations. One of the key topics covered was Cardiopulmonary Resuscitation (CPR) — an essential life-saving technique used to help someone whose breathing or heartbeat has stopped. The officers explained its importance and demonstrated the correct method of performing CPR. Students also practiced the basic steps under supervision, gaining confidence and understanding of how to act in real-life emergency conditions.











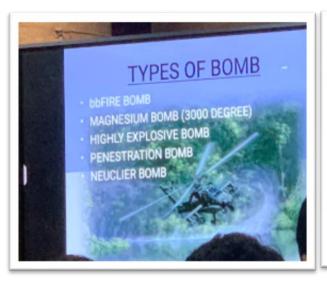
Day 2: Fire Safety, Fire Extinguishers and Explosive Awareness

On the second day, Civil Defence officers gave a detailed session on fire safety and the correct use of fire extinguishers. They explained the common extinguisher classes (A, B, C and D) and taught the simple PASS technique to operate an extinguisher: Pull the pin, Aim the nozzle at the base of the fire, Squeeze the handle, and Sweep from side to side. The officers also covered how fires start and spread,

what to do when a large fire occurs, and the immediate actions to take—such as calling the fire brigade and clearly reporting the location, the size of the affected area and whether people are trapped. In addition, students were made aware of different types of warfare threats and hazardous agents (chemical, biological, radiological and conventional explosives) and introduced to basic concepts of fuses (impact, short-delay, long-delay and proximity) and missiles (for example: Nag, Prithvi, Trishul) so they could recognise risks and follow appropriate safety protocols. Real examples and safety instructions helped students understand risk assessment, evacuation procedures and how to act calmly during explosive or large-scale fire incidents.









Day 3: Civil Defence Services, Rescue Operations and Rope Knot Training

On the third day, Civil Defence officers explained about the 12 important services provided by the department to help people during emergencies, such as rescue, first aid, fire safety, and communication. They also informed us about the 26 Civil Defence divisions (wards) and the National Disaster Response Force (NDRF), which has eight rescue teams that respond to major disasters. The main highlight of the day was a practical rope training session, where students learned to make different types of knots used in rescue operations during accidents or natural disasters. Officers also demonstrated how to assist injured persons safely in hazardous situations. This session helped students gain practical knowledge of rescue methods and understand the importance of teamwork and quick action during emergencies.

The training also boosted students' confidence in handling real-life emergency situations effectively. It was an inspiring experience that encouraged everyone to stay prepared, act responsibly, and contribute to the safety of others during disasters.







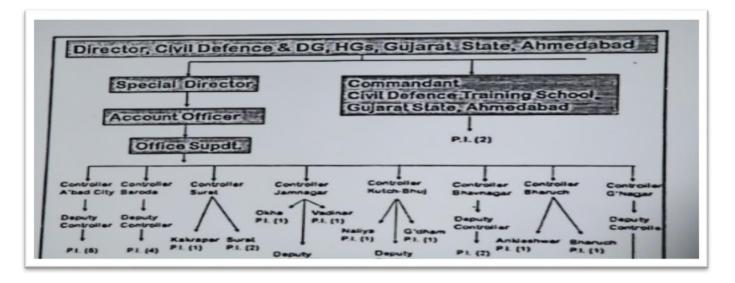


Day 4: Rescue Methods, Civil Defence Structure and Safety Awareness

The fourth day of the training focused on various rescue methods and the organizational structure of Civil Defence. The Civil Defence officers explained the different ranks and responsibilities within the department, from the Chief Warden to Deputy and Sector Wardens, and how each plays a key role during emergencies. Students learned about several rescue techniques, including safe ways to lift and carry injured persons, use stretchers, and protect themselves while performing rescues. The officers emphasized that every rescue team must have at least two members, ensuring safety and coordination during operations. A special session on explosive safety awareness was also conducted, where students were taught how to behave and what actions to take during a bomb explosion or suspicious object situation. Officers explained the importance of staying calm, avoiding panic, maintaining distance, and immediately informing the authorities. They also discussed safety concerns such as starvation, cooling, and suffocation that may occur during disasters and how to prevent them. The day helped students understand discipline, leadership, and teamwork—qualities essential for real-life rescue and emergency response situations.







Day 5: Practical Fire Safety Demonstration and Final Assessment

The fifth and final day of the Civil Defence Training Program began with a short written examination to assess students' understanding of the topics covered throughout the week. The main highlight of the day was the practical fire safety demonstration, where officers taught participants how to operate different types of fire extinguishers. A small controlled fire was created, and students were given the opportunity to use the extinguishers to put out the flames safely. Officers also displayed various modern rescue instruments used during emergencies, such as equipment for cutting trees, lifting heavy vehicles, and safely catching snakes. Around 4:00 PM, the Fire Brigade team arrived at the college and conducted a live demonstration for the students. They showcased different types of water streams used in various emergency conditions by changing the nozzle of the water pipe. The team also demonstrated a peacock-shaped water spray, which is used during gas leakage situations to prevent fire spread. This final session provided valuable hands-on experience and real-life exposure, helping students gain practical knowledge and confidence in responding to emergency conditions.













Acknowledgment:

We express our sincere gratitude to the **Principal Dr. Hiren Patel**, **I/c Principal Dr. Utpal Pandya**, and **Dr. Mayank Dalal**, **Dean SAWC** for their continuous guidance and support throughout the training. Special thanks to the Civil Defence officers and trainers for conducting such informative and practical sessions with great dedication. We also thank all students for their enthusiastic participation, discipline, and volunteers for teamwork that contributed to the success of this event.



"Through civil defense training, citizens transform from bystanders into first responders."

Report Compiled by Dr. Kaushika Pal & Fenil Patel