

Disaster Preparedness Awareness Program

The Tamil Nadu Fire and Rescue Services Department, Chengalpattu District and B.S. Abdur Rahman Crescent Institute of Science and Technology (Crescent Institute), jointly organized a “Disaster Preparedness Awareness Program” with a focus on inclusive education, safety culture, and Sustainable Development Goals (SDGs). The program engaged a broad spectrum of stakeholders—students, faculty, non-teaching staff, technical staff, administrative staff, hostel workers, and the general public—demonstrating practical fire safety measures, the handling of household liquids and gases, and the use of multiple fire extinguishers for different fire scenarios (oil, electricity, and dry materials). A key objective was to foster a culture of prevention, readiness, and responsible action across the campus and surrounding community, reinforcing Crescent Institute’s commitment to education for all and aligning with Sustainable Development Goals, which emphasizes equitable access to educational resources.

The program was organized on the college grounds (Playground) to provide an accessible, interactive, and large-scale demonstration that could accommodate varied audiences, including non-students and community members. Engaging Third Year Engineering students pursuing Disaster Management provided a direct link between academic learning and practical, situational awareness, enabling experiential learning that complements theoretical coursework. The initiative demonstrates Crescent Institute’s dedication to safety culture and social responsibility, extending education beyond traditional learners to the broader community.





Welcome Address by the Convener



*Address by Mr. Krishnamoorthy,
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Key Objectives

- To enhance fire safety awareness among all campus stakeholders and nearby residents.
- To demonstrate practical fire prevention and emergency response techniques, including household hazardous material handling and the use of different types of fire extinguishers.
- To promote proactive and coordinated responses to fire incidents, reducing risk and potential harm.
- To embed the value of inclusive education by providing open access to educational resources and safety training materials, aligning with SDG targets for inclusive and equitable education.

Program Design and Implementation

- Collaboration: The event was a joint effort between TNFRS Department, Chengalpattu District, and Crescent Institute, leveraging the expertise of fire safety professionals and academic faculty.
- Audience Inclusivity: The program deliberately included students, faculty, non-teaching staff, technical and administrative personnel, hostel workers, and the general public, ensuring that knowledge reaches all campus communities and surrounding neighborhoods.

- **Hands-on Training:** Demonstrations focused on the practical handling of household liquids and gases and the correct use of various fire extinguishers suited to different fire types (oil/oil-based fires, electrical fires, and solid materials).
- **Venue and Logistics:** The College Playground served as a suitable open-air venue to accommodate large-scale demonstrations and interactive sessions, with safety protocols in place to ensure participant well-being.
- **Educational Depth:** The sessions integrated theoretical context with practical demonstrations to reinforce learning outcomes and confidence in application during real incidents.



Demonstrations on the practical handling of household liquids and gases and the correct use of various fire extinguishers

Outcomes and Impact

- **Enhanced Awareness:** Participants gained a clearer understanding of fire risks, preventive practices, and safe response measures during emergencies.
- **Skill Development:** Attendees acquired hands-on familiarity with fire extinguishers and basic evacuation procedures, contributing to improved preparedness.
- **Community Reach:** By including non-students and staff beyond the academic cohort, the program extended safety education to a broader audience, reinforcing a campus-wide safety culture.

- Academic-Industry Synergy: The involvement of Third Year Disaster Management students bridged academic study with practical field experience, enriching the curriculum and real-world relevance.

Conclusion

The Hands-on Fire Safety Awareness Training program stands as a model of proactive safety education anchored in collaboration between a higher education institution and public safety services. It demonstrates a robust commitment to safeguarding lives through knowledge sharing, practical training, and inclusive access to educational resources. By aligning with SDG targets, Crescent Institute not only educates its campus community but also extends learning opportunities to non-students and the wider public, fostering a safer, more resilient society.