

**MHRD'S
INNOVATION CELL**
(GOVERNMENT OF INDIA)



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

Report on " Mock Drill for Fire & Safety"

Title of the Session: " Mock Drill for Fire & Safety"

Organized By: Institution's Innovation Council (IIC), Swami Vivekananda University, Kolkata

Guest Speakers: Fire Safety Inspector and Sub-Inspectors from Lalkuthi Fire Station

Mode of Delivery: Off-line

No. of Participants: 55

Nationality: Indian

Duration: 3 Hours

Date: 30th June 2026

Venue/Location: MSB Hall 1A, Swami Vivekananda University, Kolkata

Objectives:

The Mock Drill for Fire & Safety was organized with the objective of creating awareness among students, faculty members, administrative staff, Group-D employees, and security personnel regarding fire hazards and emergency response mechanisms. The session aimed to educate participants about the causes of fire, the scientific principles behind combustion, and various methods of fire prevention. Another major objective was to provide practical knowledge on selecting and operating different types of fire extinguishers based on the class of fire. The workshop also sought to develop confidence among participants through hands-on training, enabling them to respond effectively during emergencies while minimizing panic and ensuring the safety of lives and property. Furthermore, the program emphasized building a safety-conscious campus environment through regular preparedness and responsible emergency management practices.

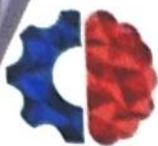
Outcome:

The Mock Drill for Fire & Safety successfully enhanced fire safety awareness and emergency preparedness among all participants. Faculty members, students, administrative staff, Group-D employees, and security personnel acquired a clear understanding of fire hazards, combustion principles, fire classifications, and the proper usage of various fire extinguishers. The live demonstration and hands-on training significantly improved participants' confidence in responding effectively during real-life fire emergencies.

The program strengthened the university's safety culture by encouraging preventive measures, responsible behavior, and coordinated emergency response. Participants developed practical firefighting skills that can contribute to reducing risks and minimizing damage during fire incidents. The workshop also reinforced the importance of regular fire safety training and collaboration with professional emergency response agencies.

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Session Highlights:

The program commenced with the arrival of the **Fire Safety Inspector and Sub-Inspectors from Lalkuthi Fire Station**, who interacted with faculty members, students, administrative personnel, Group-D staff, and security guards. The experts delivered an informative lecture explaining the basic science of fire, emphasizing that fire occurs through the combination of **heat, fuel, and oxygen**, commonly known as the **Fire Triangle**. Participants learned about the chemical composition involved in combustion and the factors responsible for the ignition and spread of fire.

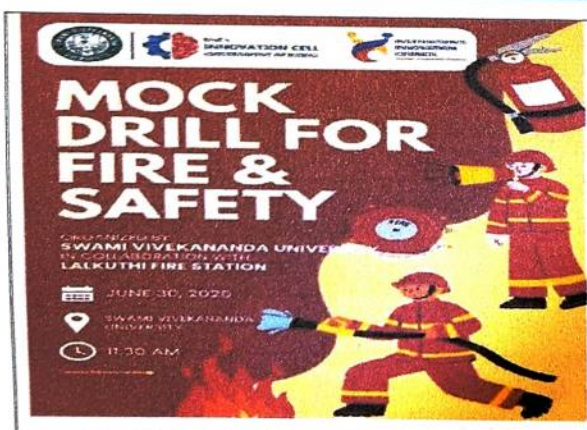
The resource persons explained different categories of fire, including electrical fires, combustible material fires, and flammable liquid fires, while highlighting the importance of selecting the correct extinguishing agent for each category. Detailed discussions were conducted on various firefighting equipment such as water extinguishers, foam extinguishers, dry chemical powder extinguishers, and Carbon Dioxide (CO₂) extinguishers.

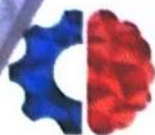
A significant part of the session focused on the functioning of **CO₂ extinguishers**. The experts demonstrated how carbon dioxide removes oxygen from the combustion zone, thereby interrupting the fire triangle and extinguishing flames without damaging electrical equipment. Practical safety precautions and maintenance procedures for fire extinguishers were also discussed.

The highlight of the event was the **live fire demonstration**, where firefighters created a controlled fire scenario and demonstrated the proper method of extinguishing flames using different fire extinguishers. Participants enthusiastically took part in the live firefighting exercise under expert supervision, gaining practical experience in handling emergency situations safely and effectively.

The fire officials also demonstrated emergency evacuation procedures, explained the importance of remaining calm during emergencies, and answered several queries from participants regarding fire prevention and disaster management. The highly interactive nature of the workshop made the session informative, engaging, and practically beneficial for all attendees.

Glimpse of the event:





General Participants Feedback:

Participants expressed high satisfaction with the practical nature of the workshop and appreciated the expertise of the officers from Lalkuthi Fire Station. They found the scientific explanation of fire behavior, fire classifications, and extinguishing techniques to be easy to understand and highly relevant. The live demonstration received overwhelmingly positive feedback, as it allowed participants to gain real-world experience in operating fire extinguishers under professional guidance. Many participants recommended that similar practical safety workshops be conducted regularly so that all members of the university community remain well-prepared for emergency situations.

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Recommendations:

To further strengthen campus safety, it is recommended that fire safety awareness and mock drill programs be conducted periodically across all departments of the university. Regular evacuation drills should be organized to familiarize students and staff with emergency exit routes and assembly points. Fire extinguishers, smoke detectors, fire alarms, and other safety equipment should be inspected and maintained on a routine basis to ensure operational readiness. The university should also organize advanced workshops on first aid, disaster management, and emergency communication to complement fire safety training. Displaying fire safety instructions and evacuation maps at strategic campus locations will further improve preparedness. Continued collaboration with local fire services and disaster management authorities will help establish a sustainable and proactive safety culture within the university.

Signature of the Convenor with University Seal

Convenor:

Dr. Ranjan Kumar,
Convenor, IIC Cell

Associate Professor & Head, Dept. of Mechanical Engineering,
Swami Vivekananda University, Kolkata-700121.

Institution's Innovation Council
Swami Vivekananda University



Mock Drill for Fire and Safety

Date: 30th June, 2026

Sl. No.	Name	Department	Reg. No. / Faculty ID	Signature
1	Sayantan Kamile	DME		Sayantan Kamile
2	Jay Bhattacharya	DME		Jay Bhattacharya
3	MOHAMMAD ASHIF	DME		Md. ASHIF
4	Subhadeep Mudi	DME		Subhadeep Mudi
5	Tushar Bangal	DME		Tushar Bangal
6	Shuvam Roy	DME		Shuvam Roy
7	Rabindra Nath Manna	DME		Rabindra Nath Manna
8	Banyam Kumar	DME		Banyam Kumar
9	Santanu Roy	DME		Santanu Roy
10	Suman Maity	DME		Suman Maity
11	Rajdeep Khatri	DME		Rajdeep Khatri
12	Koushik Halder	D.M.E		Koushik Halder
13	Santanu Mondal	D.M.E		Santanu Mondal
14	Satyajit Paul	DME		Satyajit Paul
15	Aakash Das	DME		Aakash Das
16	Krishnakanta Jana	DME		Krishnakanta Jana
17	SUKANTA BISWAS	BME		Sukanta Biswas
18	AYAN KANTI BISWA	BME		Ayan Kanti Biswas
19	GOBINDA DAS	BME		Goindra Das
20	SUVANKAR MONDAL	BME		Suvankar Mondal
21	TANAY MALICK	BME		Tanay Mallick
22	TUSHAR SINGH	BME		Tushar Singh
23	SAUMJEET DEY	BME		Saumjeet Dey
24	DEBANJAN DAS	BME		Debanjan Das
25	NITIN SHAW	BME	002-101-2023-008	Nitinshaw
26	ARPAN DEY	BME	002-101-2023-009	Arpan Dey
27	JAYJIT DEY SARKAR	BME	002-101-2023-117	Jayjit Dey Sarkar
28	PAPAI SANTRA	BME	002-101-2023-007	Papai Santra
29	MANISH KUMAR SHAW	BME	002-101-2023-017	Manish Kumar Shaw
30	SWARNADIP JANA	BME	002-101-2023-018	Swarnadip Jana
31	SUSANTA SAMMAL	BME	002-101-2023-016	Susanta Sammal
32	AMIT MAITY	BME	002-101-2023-005	Amit Maity
33	DEBARSHA ROY	BME	002-101-2023-082	Debarsha Roy
34	JIT KANGSABANIK	BME	002-101-2023-010	Jit Kangsabanik
35	DEBARSHA MONDAL	BME	002-101-2024-081	Debarsha Mondal
36	PRIVANSHU DAS	BME	002-101-2024-180	Privanshu Das
37	ARVIND MANNA	DME	000-101-2024-08	Arvind Mann



SL No.	Name	Department	Reg. No. / Faculty ID	Signature
38	AKASH SHAW	DME		Akash Shaw
39	Chirish Roy	DME		Chirish Roy
40	SAMITOSH SAHOO	DME		Samitosh Sahoo
41	SOUMYADIP DAS	DME		Soumyadip Das
42	SUDIPTA JANA	DME		Sudipta Jana
43	RUPAM BISWAS	DME		Rupam Biswas
44	Ritik Kumar Singh	DME		Ritik Kumar Singh
45	Prince Kumar VERMA	DME		Prince Kumar Verma
46	SUBHAJIT PRAMANIK	DME		Subhanik
47	CHANDAN BHA	DME		C. Bha
48	DEEP SAMANTA	DME		Deep Samanta
49	ABHISEK GHOSH	DME		Abhisek Ghosh
50	JAYANTA MAITY	DME		Jayanta Maity
51	ASIT BARAN ADAR	DME		Asit Baran Adar
52	Prasant Shaw	DME		Prasant Shaw
53	SANJOY BHUNIA	DME	000-101-2025-001	Sanjoy Bhunia
54	SANJIT JANA	DME	000-101-2025-002	Sanjit Jana
55	SOURAV MANDAL	DME	000-101-2024-008	Sourav Mandal
56	PRADIP KUMAR KARAN	DME	000-101-2024-001	Pradip Kr Karan
57	BIMAL CHAKRABORTY	DME	000-101-2024-002	Bimal Chakraborty
58	SOURAV MANDAL	DME	000-101-2024-003	Sourav Mandal
59	SOURAV MANDAL	DME	000-101-2024-003	Sourav Mandal
60	ABU HOSEIN	DME	000-101-2024-015	Abu Hosein
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