

BHAVAN'S B.P. VIDYA MANDIR KORADI, NAGPUR
SESSION 2024-25
REPORT ON PROPER STORAGE OF CHEMICALS IN CHEMISTRY
LABORATORY

This report examines the compliance of Bhavan's B.P. Vidya Mandir, Koradi School's laboratory with the Central Board of Secondary Education (CBSE) norms for the storage of inflammable and non-inflammable chemicals. It details our current practices, safety measures, emergency preparedness, documentation, and waste management procedures.

1. Storage and Handling of Chemicals

Inflammable Chemicals:

- **Separate Storage:** Inflammable chemicals are stored separately from non-inflammable chemicals in a dedicated, well-ventilated storage cabinet designed for inflammable substances.
- **Cabinet Specifications:** The storage cabinets are fire-resistant and properly labelled to indicate the presence of inflammable materials.
- **Ventilation:** Proper ventilation is ensured in storage areas to prevent the build up of fumes.
- **Containers:** Approved containers made of materials that do not react with the chemicals stored are used, and these containers are tightly sealed when not in use.

Non-Inflammable Chemicals:

- **Organized Storage:** Non-inflammable chemicals are stored systematically, categorized by their chemical properties and reactivity.



- Labelling: All containers are clearly labelled with the chemical name, concentration, and hazard information.

2. Safety Measures:

- Safety Equipment: The laboratory is equipped with fire extinguishers, sand buckets, and an eye wash station.
- Signage: Clear signage indicating the location of safety equipment and emergency exits is displayed.
- Personal Protective Equipment (PPE): Appropriate PPE such as gloves, goggles, and lab coats are available for staff.

3. Emergency Preparedness:

- Emergency Plan: An emergency response plan is in place, detailing actions to be taken in case of a fire, chemical spill, or other emergencies.
- Training: Regular training sessions are conducted for students and staff on the proper handling of chemicals and emergency procedures.

4. Compliance with SOP for Chemistry Laboratory as per CBSE:

All storage and handling practices comply with the “Essential Standard Operating Procedure (SOP) required for Affiliation with CBSE”.

5. Inspection and Audit:

Regular inspections and audits are conducted by Parents and Teachers to ensure ongoing compliance with safety norms and regulations.



6. Acid Monitoring Committee:

- Acid monitoring committee is formulated in School to ensure safe handling, storage and use of acids and other hazardous chemicals used in Chemistry Laboratory.
- The committee also ensures that School complies with safety regulations and guidelines related to chemical use
- The committee keeps an accurate inventory of acids and other hazardous chemicals.
- It also checks storage area to identify and mitigate risks.
- It ensures proper disposal of chemical waste.

Checklist for Compliance

1. Storage:
 - Separate and secure storage for inflammable chemicals.
 - Proper labelling and container use.
2. Safety Equipment:
 - Availability and accessibility of fire extinguishers, safety showers, etc.
3. Emergency Preparedness:
 - Established emergency plan and regular drills.
4. Compliance with SOP as per CBSE:
 - School thoroughly comply with Standard Operating Procedure as per CBSE.



5. Inspection and Audit:

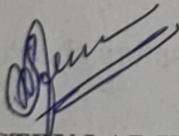
- Regular inspection and audit is conducted to ensure adherence to SOP by CBSE.

6. Acid Monitoring Committee:

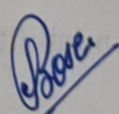
- Acid monitoring Committee ensures safe handling and disposal of acids and hazardous chemicals.

Summary

Ensuring compliance with CBSE norms for the storage of inflammable and non-inflammable chemicals in school laboratories involves systematic storage, rigorous safety measures, detailed emergency preparedness, meticulous documentation and adherence to regulatory standards. Regular training and audits are essential in maintaining a safe and compliant laboratory environment. This report affirms that our school laboratory adheres to these norms, ensuring the safety and well-being of all users.


CHEMISTRY LAB INCHARGE
MS. SAMREENA AFROZ




PRINCIPAL

MS. SARBANI BOSE

PRINCIPAL

Bhavan's B. P. Vidya Mandir
Nanda, Khaparkheda Road, Koradi, Nagpur-441111



BHAVAN'S B.P. VIDYA MANDIR, KORADI, NAGPUR

SESSION: 2024-2025

REPORT ON SCHOOL FIRE SAFETY AWARENESS TRAINING

(JUNE- 2024)

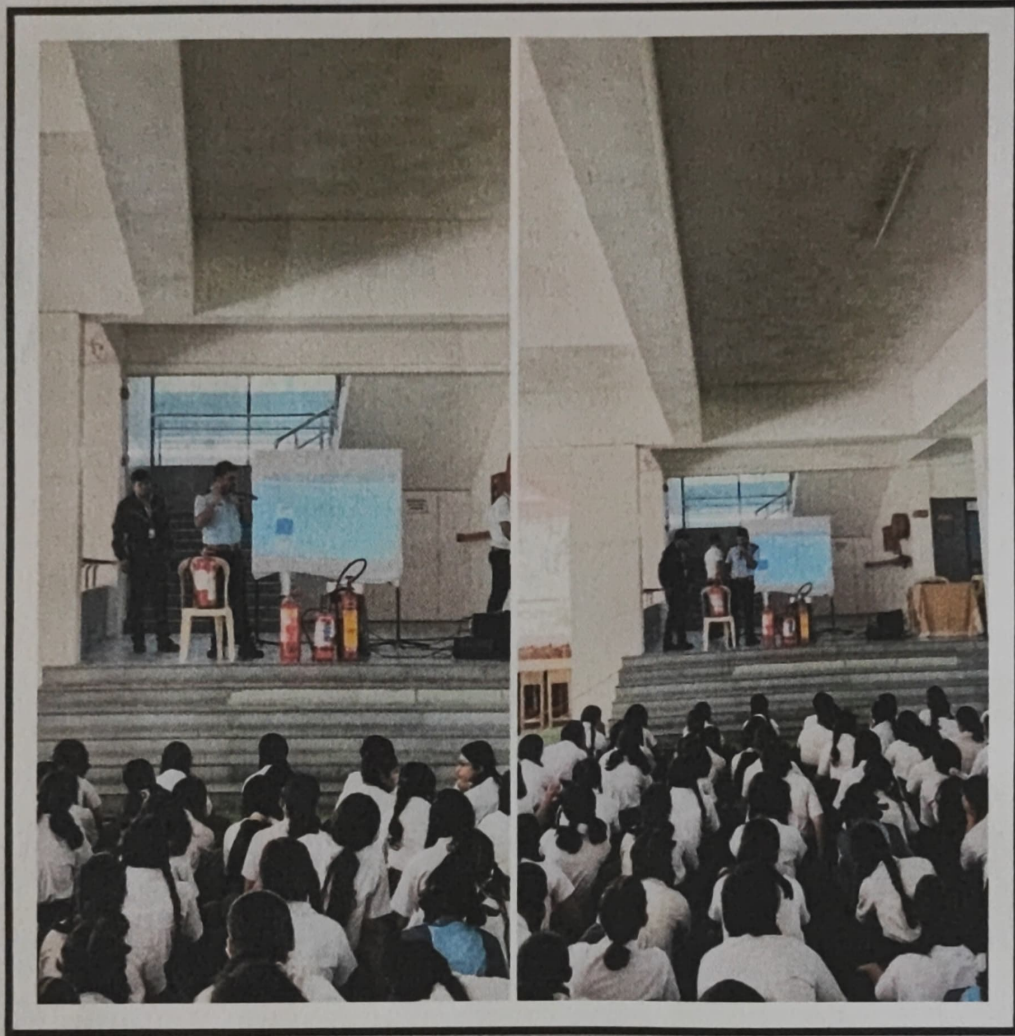
On 21st June 2024, Bhavan's B. P. Vidya Mandir, Koradi, Nagpur conducted an extensive fire safety training session under the guidance of the school principal, Ms. Sarbani Bose. The session was facilitated by experts from the local fire department, namely Shri Pratapsing Yeotikar (Junior Fire Officer), Shri Pimpalshende (Driver cum Fire Engine Operator), and Shri Shukla (Fireman). The training was attended by students from Std VIII to X, along with teaching, non-teaching, and support staff.

The session commenced with an in-depth overview of the different types of fires, highlighting the critical importance of understanding and reacting appropriately to each type. Participants were educated on the various types of fire extinguishers and their specific applications, stressing the necessity of correct selection and usage in different fire scenarios. The experts underscored how improper handling of fire extinguishers can potentially worsen a fire, making proper training imperative.

A key component of the training involved practical demonstrations, which allowed attendees to gain hands-on experience in operating fire extinguishers. These demonstrations were instrumental in building familiarity and confidence among participants, ensuring their ability to handle fire emergencies effectively. Both students and staff actively participated in these practical exercises, reinforcing their understanding through direct application.

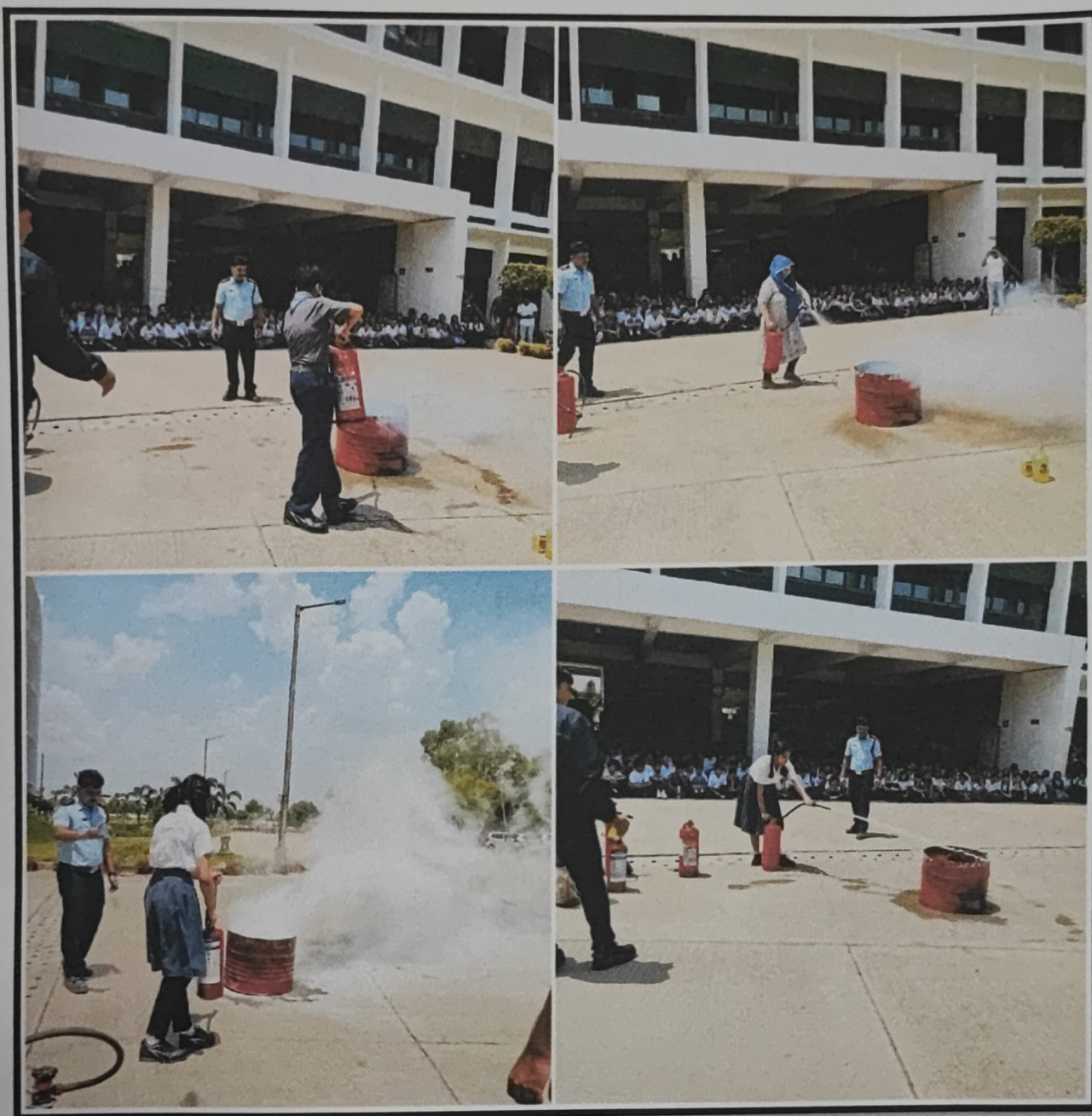
The session also emphasized the importance of maintaining composure during crises and adhering to established evacuation procedures to ensure everyone's safety. Detailed instructions were provided on step-by-step evacuation plans, designated assembly points, and the significance of accounting for all individuals during an emergency.

By the conclusion of the training, participants had developed a heightened awareness of fire safety measures and felt better prepared to respond promptly and effectively to potential fire incidents. This initiative, organized under the leadership of Ms. Sarbani Bose, demonstrated the school's commitment to fostering a secure environment through proactive emergency preparedness and comprehensive fire safety education. The session equipped the school community with essential knowledge and instilled a sense of responsibility and readiness to address fire emergencies, thereby ensuring a safer environment for all.



Resource person addressing the gathering.





Teachers and students are learning with hands-on activity .



Sonali
Emergency Preparedness In-charge
Ms. Sonali Bannagare



Sarbani
Principal
Ms. Sarbani Bose
 PRINCIPAL
 Bhavan's B. P. Vidya Mandir
 Nanda, Khaparkheda Road, Koradi, Nagpur-441111



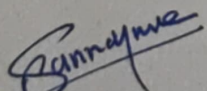
BHAVAN'S B.P. VIDYA MANDIR, KORADI, NAGPUR

SESSION: 2024-2025

REPORT ON SCHOOL AUDIT

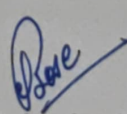
(JUNE- 2024)

On 29th June 2024, Bhavan's B. P. Vidya Mandir, Koradi, Nagpur, conducted a comprehensive internal school safety audit to ensure the safety and security of its students, teachers, and support staff. The audit was carried out by a dedicated safety audit team comprising parents from all levels, teachers including office administration staff, Physical Education Teachers (PET), lab in-charges, and the transport supervisor. This team meticulously inspected various safety measures implemented within the school, focusing on areas such as physical safety, fire safety, earthquake management, safety from constructional hazards, playground safety, water safety, laboratory safety, transportation management and safety, health safety, safety of children with disabilities, sanitation and hygiene, safety of children against sexual abuse, and cyber safety. During the inspection, the team utilized detailed checklists to evaluate the effectiveness of the safety measures in place. They concluded their visit with a sense of satisfaction, acknowledging the diligent precautions taken by the school to ensure the well-being of all its members. The entire audit process was conducted under the prudent guidance of the school principal, Ms. Sarbani Bose, who emphasized the school's unwavering commitment to maintaining a secure and nurturing environment for education.


Emergency Preparedness In-charge

Ms. Sonali Bannagare




Principal

Ms. Sarbani Bose

PRINCIPAL

Bhavan's B. P. Vidya Mandir

Nanda, Khaparkheda Road, Koradi, Nagpur-441111

Class No.	Statements	Availability (Yes/No)	Satisfactory	Needs further attention	Not taken up yet	Remarks
72	Does the school have adequate resources in place to evacuate children or carry out first aid, if required?	Y	✓			
Electrical Safety						
73	How safe are the electrical systems in the school? Are they being checked periodically?	Y	✓			
74	Switch distribution switches working properly, are electrical board covered and enclosed?	Y	✓			
75	Are all electrical fittings in the classrooms and corridors working properly and are secured properly?	Y	✓			
76	Has the school ensured limited access to the area of electrical installation only to those who are required?	Y	✓			
77	Any high voltage wires / cables/wires in the school premises? If any, access is restricted properly? Are there any uncovered live wires?	Y	✓			
78	Warning signs are displayed near electric points?	Y	✓			
Safety from Constructional Hazard						
79	Does the school have any ongoing construction? Permission from local authorities for construction work has been taken?	Y	✓			Complete
80	Has the school put barricades and signboards in the construction area prohibiting the movement of students?	Y	✓			
81	When minor repairs for any construction are necessary, prevent small children from any possible escape.	Y	✓			

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Class No.	Statements	Availability (Yes/No)	Satisfactory	Needs further attention	Not taken up yet	Remarks
125	Has the school carried disaster preparedness and do has fire map?		✓			
Section II: Emotional and Personal Safety						
Crimes Management						
126	Does the school have a crimes management team to detect any accident or disaster?		✓			
127	Does the school have the records available for crimes management?		✓			
128	Are the crime persons in the school aware of the telephone number of the hospitals, ambulance and the fire station near the school?		✓			
Safety of the children with disabilities						
129	Are the school and premises disabled friendly?		✓			
130	Are there any designated officials in the school who is entrusted with the exclusive responsibility of their needs in any emergency?		✓			
131	Whether students who are differently abled are accompanied by a Teacher or assistant when using toilet?		✓			
132	Teachers and students are educated and sensitive towards students who are differently abled?		✓			
133	Does the school provide barrier free means for driving e.g., Ramps, Hand Rails, etc?		✓			
134	Does the school have 4-wheeling friendly toilet e.g., grabbars, mattress or two way opening doors, easy-accessing space for the wheel chair, etc?		✓			

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Class No.	Statements	Availability (Yes/No)	Satisfactory	Needs further attention	Not taken up yet	Remarks
135	Has any teacher in the school undertaken professional course on child, in guidance and counselling?	Yes	✓			
136	Have the school staff been oriented to the scheduled security regulations in the surroundings e.g., telephone vehicles, cameras, break air vents, etc?	Yes	✓			
137	Are there ways to integrate safety, security and well-being in the classroom pedagogy?	Yes	✓			

Name of Assessor: Amal Shukta Pandey
Signature of Assessor: [Signature]
Date: 29/6/2024

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Class No.	Statements	Availability (Yes/No)	Satisfactory	Needs further attention	Not taken up yet	Remarks
Section 4: Physical Safety						
School Building and Other Security Programs						
1	Has the building been certified in per the norms as verified by the students by the local authorities?	Yes	✓			
2	Are there camps at the entry to the school, classrooms, toilets, playground, library, canteen and auditorium for children with disabilities?	Yes	✓			
3	Whether Alarm system (centralized Public Address system) systems are installed in the school?	Yes	✓			
4	Is the CCTV monitoring system monitored regularly?	Yes	✓			
5	Whether checked if water coolers and other electrical gadgets are transferring shock? If yes then remedial measures taken or not?	Yes	✓			
6	Are the corridors and entrance clear of obstruction?	Yes	✓			
7	Classroom door and emergency doors clear of obstruction?	Yes	✓			
8	Water filter/purifier/RO system functional?	Yes	✓			
9	School has separate toilet as per prescribed for girls and boys?	Yes	✓			
10	Are there separate toilets for children with disabilities?	Yes	✓			

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School safety checklist



BHAVAN'S B.P. VIDYA MANDIR, KORADI, NAGPUR.

SESSION: 2024-2025

REPORT ON SCHOOL FIRE SAFETY MOCK DRILL

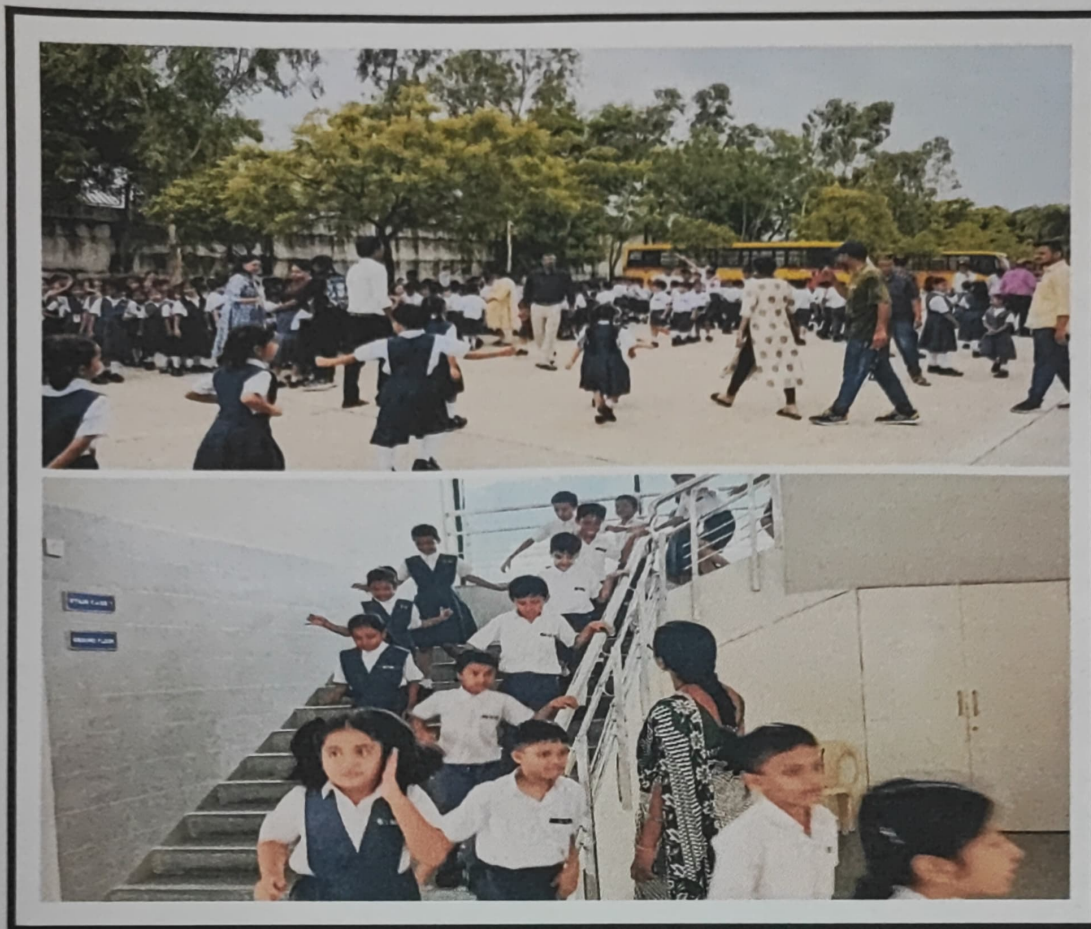
(JULY 2024)

On 4th July 2024, Bhavan's B. P. Vidya Mandir, Koradi, Nagpur, conducted a comprehensive fire mock drill involving students from Std. I to X, teachers, and support staff to educate and prepare them for a fire emergency. Preparation for the drill began on 3rd July 2024, with a crucial meeting led by the school's fire safety in-charge, Ms. Sonali Bannagare. The evacuation team and the search and rescue team were briefed on their roles and responsibilities, and duties were assigned floor-wise to ensure an orderly and efficient evacuation process.

On 4th July 2024, the fire alarm was sounded, signaling the commencement of the drill. All students, teachers, and support staff evacuated their classrooms, utilizing the designated staircases as outlined in the evacuation plan, and quickly assembled on the school ground. The entire evacuation process was completed in an impressive time of 2 minutes and 46 seconds. Concurrently, the search and rescue team conducted a thorough sweep of all classrooms and washrooms to ensure no one was left behind.

After everyone had gathered on the school ground, headcounts of students and teachers were conducted to confirm everyone's safety. Following this, instructions were given to all attendees on the appropriate actions to take during a real fire emergency. Once the briefing was completed, students, teachers, and support staff returned to their respective classes.

The fire mock drill was conducted under the guidance of the school's principal, Ms. Sarbani Bose, emphasizing the importance of fire safety and ensuring that all participants were well-prepared for an emergency. The prompt response and cooperation of everyone involved made the drill a success. Continuous drills and training sessions will further enhance the emergency preparedness of all members of Bhavan's B. P. Vidya Mandir, Koradi, Nagpur.



All students, teachers and support staff evacuating the school building after fire alarm.





Sonali
Emergency Preparedness In-charge

Ms. Sonali Bannagare



Bose
Principal

Ms. Sarbani Bose

PRINCIPAL
Bhavan's B. P. Vidya Mandir
 Nanda, Khaparkheda Road, Koradi, Nagpur-441111



BHAVAN'S B.P. VIDYA MANDIR, KORADI, NAGPUR.

SESSION: 2024-2025

REPORT ON SCHOOL FIRE SAFETY MOCK DRILL

(JULY 2024)

On 5th July 2024, Bhavan's B. P. Vidya Mandir, Koradi, Nagpur, conducted a mock fire drill for the students of Bal Mandir (Std. KG I and KG II) to familiarize them with fire safety procedures. Recognizing the young age of the participants, a brief training session for their teachers was held on 4th July 2024 to equip them with the knowledge to guide their students effectively during a fire emergency.

The emergency preparedness committee in-charge, Ms. Sonali Bannagare, and PET Shri Jaison John, led the training session for the teachers. They provided an overview of fire types and demonstrated the various fire extinguishers available in the school. They also explained the necessary actions and precautions during a fire emergency. A detailed evacuation plan was presented, specifying which staircases and gates each class should use to assemble on the main ground.

Following the teacher training, a simplified explanation was given to the young students about the mock fire drill and the procedures they should follow during a fire emergency, including responding to the sound of the fire alarm.

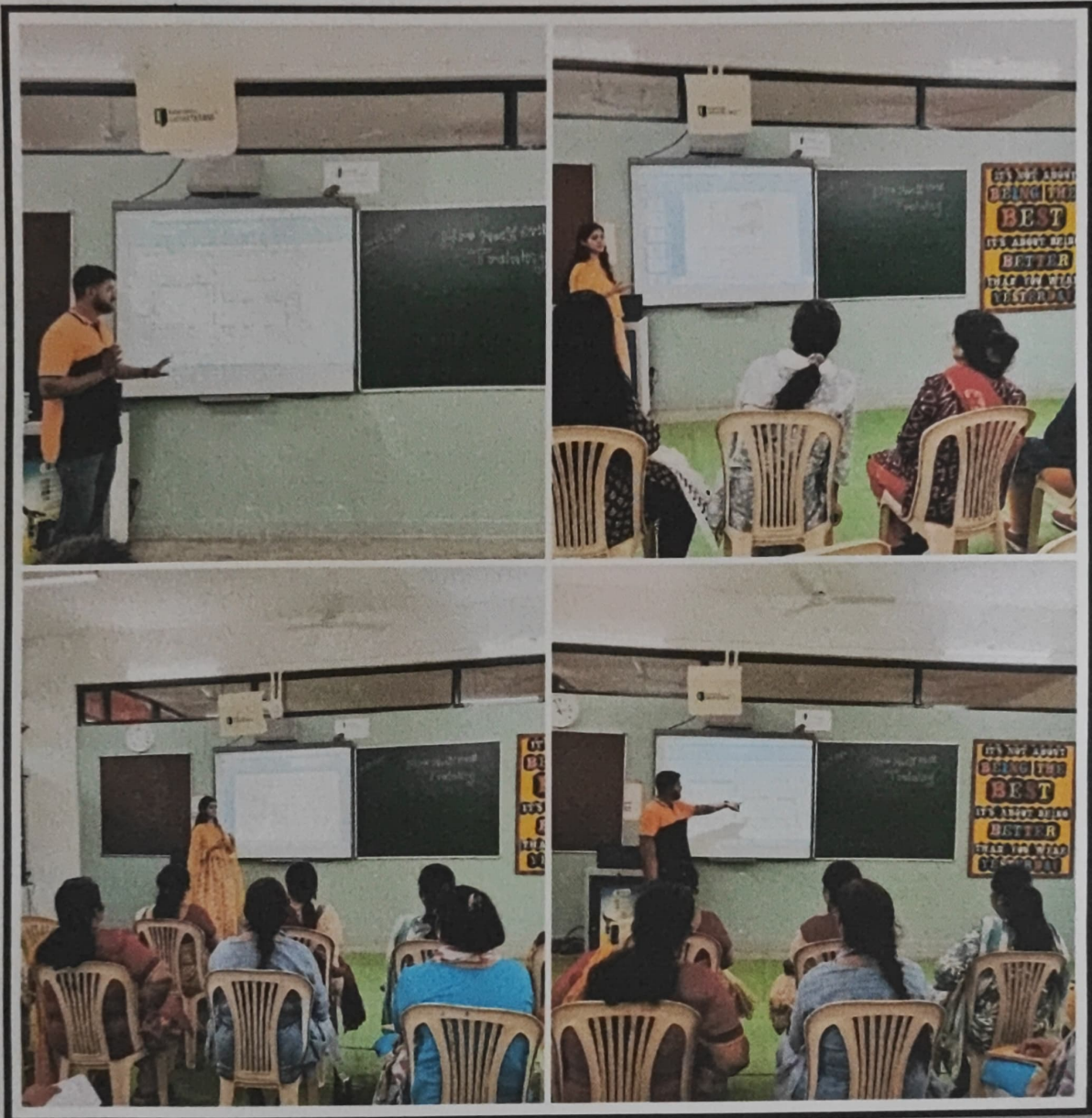
On the day of the drill, the fire alarm was sounded, and the young students, guided by their teachers, evacuated the building in an orderly manner. The entire evacuation process was completed within 3 minutes and 24 seconds. Once everyone had gathered on the school ground, class teachers conducted headcounts to ensure all students had evacuated safely.

After the drill, students were instructed on important safety practices, such as not carrying personal belongings, avoiding pushing, and staying calm during an evacuation. The drill was conducted under the guidance of the school principal, Ms. Sarbani Bose, emphasizing the importance of fire safety and ensuring that even the youngest students were well-prepared for an emergency. This exercise highlights the school's commitment to the safety and preparedness of all its members



All students, teachers and support staff evacuating the school building after fire alarm.





Teachers conducting training on fire safety and imparting the knowledge to the fellow teachers.

Sonali
Emergency Preparedness In-charge

Ms. Sonali Bannagare



Sarbani
Principal

Ms. Sarbani Bose

PRINCIPAL

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