

C.No:21/48:School/FSR/DFO/MDY/2025

OFFICE OF THE
DISTRICT FIRE OFFICER,
MANDYA DIST, MANDYA .
Date:13-06-2025

To,
The Principal
P.E.S College of Science, Arts & Commerce,
People Education Trust ®,
M.C Road Mandya,
Mandya district-571401.

Sir

Sub :-Issue of 'Fire safety recommendation' to M/s P.E.S College of Science,
Arts & Commerce," People Education Trust ®, M.C Road Mandya, Mandya
District-571401.

Ref : - 1. Applicant Letter Dated dated: 10/06/2025.
2. FSO Report CNo/18/School/FSR/FSO/MDY/2025 Dt. 12-06-2025

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With reference to the subject above cited, the premises of M/s P.E.S College of Science, Arts & Commerce," People Education Trust ®, M.C Road Mandya, Mandya District-571401 Was inspected by Fire Station Officer Mandya on 12/06/2025 with respect to Fire prevention, Firefighting and Evacuation measures to be complied in the above premises and has submitted the details as under

ANNEXURE-B

"B1 & B2 - Schools upto senior secondary level and other institutions"

NBC-2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings.

(These condition are indicative and not exclusive all relevant provisions related to fire and life safety of NBC 2016 are mandatory.)

A. Details of the building / premises :-

01	Name and Address of the Applicant.	:	The Principal P.E.S College of Science, Arts & Commerce, People Education Trust ®, M.C Road Mandya, Mandya district-571401.
02	Name and Address of the premises.	:	P.E.S College of Science, Arts & Commerce, People Education Trust ®, M.C Road Mandya, Mandya district-571401.
03	Name and address of the Building owner	:	The Principal P.E.S College of Science, Arts & Commerce, People Education Trust ®, M.C Road Mandya, Mandya district-571401.
04	Number of buildings	:	01 School Building.



05	Number of floors	:	Ground +03 Upper Floor only
06	<u>Floor-wise details of occupancy: -</u>		
		:	<p>Ground Floor:- 03 Class Room, Principal room, Vice Principal room, Office room, Seminar Hall, 02-Library, Mathematics Lab, Store room 02 Wash Rooms.</p> <p>First Floor :- 11 Class Room, Vice principal room, Seminar Hall, Laboratory And Wash rooms,</p> <p>Second Floor :- 07 Class Room, Laboratory,</p> <p>Third Floor :- 07 Class Room, Laboratory,</p>
07	Height of the building	:	14.90 mtrs
08	Site area	:	8614.32 Sq.mtrs
09.	Built-up area of each floor:-	:	<p>Ground Floor:- 1155.53 sq. mtrs.</p> <p>First Floor:- 1155.53 sq. mtrs.</p> <p>Second Floor:- 780.90 sq.mtrs</p> <p>Third Floor:- 780.90 sq.mtrs</p> <p style="text-align: center;">3872.86 Sq.mtrs</p>
10.	Total built-up area	:	3872.86 Sq.mtrs.
11.	Surrounding properties:-		
	North (Front)	:	12.00 mtrs BM Road
	South (Rear)	:	09.00 mtrs Road
	East(Side)	:	Govt Buildings
	West (Side)	:	09.00 mtrs Road
12.	<u>Set-back area available around the building :-</u>		
	North (Front)	:	03.00 Mtrs
	South (Rear)	:	01.50 Mtrs
	East(Side)	:	01.00 Mtrs
	West (Side)	:	02.50 Mtrs

B. On inspection of this Educational premises, the following fire prevention, fire fighting and evacuation measures recommended are considered absolutely essential from fire safety point of view :-



Sl. No.	Details (02)	Existing (03)	Recommendations (04)

01.	Accessibility to the premises	The Premises located in easy accessible place with 12 Mtrs BM Road leads to approach road towards Northern side This road is hardened to carry the weight of 45,000 kgs.	Complied.																		
02.	Number. of entrances	01 entrance & exit.	Complied.																		
03.	No. of staircases	<table border="1"> <tr> <td>Nos. of staircases</td> <td>:</td> <td>02 nos.</td> </tr> <tr> <td>Width of staircases</td> <td>:</td> <td>01.30 mtrs.</td> </tr> <tr> <td>Width of treads</td> <td>:</td> <td>30 cms</td> </tr> <tr> <td>Height of risers</td> <td>:</td> <td>15 cms</td> </tr> <tr> <td>Nos. of riser per flight</td> <td>:</td> <td>15 nos.</td> </tr> <tr> <td>Height of handrails</td> <td>:</td> <td>1.00 mtr.</td> </tr> </table>	Nos. of staircases	:	02 nos.	Width of staircases	:	01.30 mtrs.	Width of treads	:	30 cms	Height of risers	:	15 cms	Nos. of riser per flight	:	15 nos.	Height of handrails	:	1.00 mtr.	Complied.
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04.	Fire extinguisher	Not Provided	<p>A. One water mist extinguishers of 9 ltrs capacity should kept near each staircase landing.</p> <p>B. One mechanical foam extinguishers of 9 ltrs capacity & one ABC type extinguishers of 6 kgs capacity should be provided near diesel generator.</p> <p>C. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.</p> <p>D. One ABC type fire extinguisher of 06 kgs capacity should be located as to be available within 15 mtrs radius.</p>																		
05	Hose reel hose system.		Recommended to One Hose Reel Hose near the staircase (One hose reel hose system for every 1000 Sq. mtrs) . The hose reel hose of min 19 mm size and of 30 Mtrs length shall be provided to reach the farthest point of each floor and shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing of building.																		
06	At the terrace tank level With minimum pressure of	Not Provided	Recommended to provide The System Should be connected to a Booster pump of 450 LPM or 5 HP Capacity. Further the system should be																		



	3.5 kg/cm ² .		connected to an alternative source of power supply.
07.	Diesel Generators.	Not Provided	Recommended to Provide Diesel Generator of 15 KVA capacity should be provided to supply alternative power supply.
08.	Terrace tank	Provided overhead tank of 2,000 ltrs Capacities in the Building	The system should be connected to an overhead tank of 5000 ltrs capacity. (The Water tank should be kept exclusively fire fight purpose) Note: If the existing building is not capable of sustaining the weight of 5,000 / 10,000 ltrs tank capacity provision shall be made to provide water tank on the side of the building with support from ground level by providing RCC column structure or MS Column structure. If there is no option to provide even the above mentioned overhead tank provision shall be made to provide underground water tank of capacity with submersible pump of 5-7 HP capacity.
09.	Escape routes	Not Provided	Provided Marking Directions in which the Students & Staff have to move in the event of any emergency shall be indicated in the corridor during evacuation. It is written in luminous paint in every floor of building.
10.	Fire order (Fire Safety plans)	Not Provided	A notice board written in bold letters indicating the action to be taken by the Students & Staff in case of any emergency is displayed near staircase and the notice board is contain telephone number of Mandya Fire Station 08232-298101 & 101 and ambulance service & Police station at near staircases of building as displayed
11.	No Smoking board.	Not Provided	COPTA Sec-4 direction No Smoking area Smoking here is an offence board written in English & Kannada both languages. This is displayed at inside the entry / exit of the each floor.
12.	Fire Siren	Not Provided	A Fire Siren Shall be installed in the premises to inform the intimates in case of a fire emergency and evacuate the area



13.	Nominate one Fire Nodal Officer	Not Provided	A Fire nodal Officer Shall be nominated either from teaching Or non-teaching staff
14.	Fire fighting training	Not imparted	Not complied. 40% of the employees should be got trained in fire prevention, firefighting and evacuation measures at R.A Mundkur Fire & Emergency Services Academy, Bannerughatta Road, Bangalore or Regional Training Center, Mysore at an early date.
15	<p><u>Fire precautionary measures:-</u></p> <p>A. Explosive and flammable material should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises.</p> <p>B. Accumulation of combustibile waste in and around the premises should be avoided.</p> <p>C. The exit ways shall be always kept clear without any obstruction.</p> <p>D. Liquefied petroleum gas should not be stored in the building.</p> <p>E. The doors shall not be kept locked / latched during working hours and shall be free from obstruction.</p> <p>F. During the class hours the class room doors shall not be locked from inside to outside.</p> <p>As per Hon'ble supreme court order all teachers and staffs shall be trained to handle safety equipment, initiate emergency evacuation and protect their students in the event of fire and other emergency and the school shall observe the Fire Safety Day on April 14th of every year by conducting Fire Safety drills with co-ordinate with fire service department.</p>		

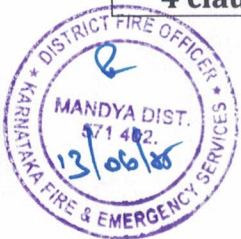
Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing 'Fire Safety Recommendation Certificate' M/s P.E.S College of Science, Arts & Commerce", People Education Trust @, M.C Road Mandya, Mandya District-571401. Subject to condition and compliance of the recommendations in column-4 of serial-B within 3 months and compliance to the undersigned.

"This Fire Safety Recommendation is valid up to only one year from the date of issue and it is renewable".

All requirements recommended above are as per National Building Code-2016 Part-4 clause 3.1.3 of Fire and Life safety will have to be complied with mandatorily.

Yours faithfully

[Signature]
District Fire Officer
Mandya District, Mandya
Karnataka Fire & Emergency Services
Mandya - 571 402



Copy with Compliments:1. Submitted to The Director General Of Police & Director General Karnataka Fire And Emergency Services Bangalore
2 FSO Mandya