

No.24/FSR/DFO/CFS/2024-25

Office of the District Fire Officer
Karnataka Fire and Emergency Services
Chamarajanagara Fire Station
Date: 31-01-2025

To,
The President,
Himagiri Shrigandha Trust,
Smart Public School, Vijayapura Villegge,
Gundlupete Taluk, Chamarajanagara District

Sub : Issue of 'Fire safety recommendation' to "Smart Public School",
Vijayapura Villegge, Gundlupete Taluk, Chamarajanagara District.
Ref : 1. Your request dated: 16-01-2025

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With reference to the subject above cited, the premises of "Smart Public School",
Vijayapura Villegge, Gundlupete Taluk, Chamarajanagara District, was inspected by Me
on 17-01-2025 with respect to Fire prevention, Fire fighting and Evacuation measures to
be complied in the above premises and has submitted the details as under.

ANNEXURE-10

Group B Educational Building

**NBC-2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings sub division
B1 & B2.**

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

Part-A. Details of the building / premises :-

01	Name and Address of the Applicant.	:	The President, Himagiri Shrigandha Trust, Smart Public School, Vijayapura Villegge, Gundlupete Taluk, Chamarajanagara District.
02	Name and Address of the premises.	:	Smart Public School, Vijayapura Villegge, Gundlupete Taluk, Chamarajanagara District.
03	Name and address of the Building owner	:	The President, Himagiri Shrigandha Trust, Smart Public School, Vijayapura Villegge, Gundlupete Taluk, Chamarajanagara District.
	Number of buildings	:	01 building School Building
05	Number of floors	:	Ground floor + 01 Upper floor.
06	Flow wise details of occupancy:-		

Secretary,
Himagiri Shrigandha Trust@
JSS Layout, Madahalli Road,
Gundlupet, Chamarajnagar-Dist

Principal,
Smart Public School
Calicut Road, Gundlupet,
Chamarajnagar-Dist

			First floor:- , 04 Class room, 01 Computer Lab, 01 Music & Dance room, 01 Art & Craft room, 01 office room.
07	Height of the building	:	07.85 Mtrs.
08	Site area	:	9,958.24 Sq.mtrs.
09.	Built-up area of each floor:-		
		:	Ground floor:- 890.15 Sq.mtrs. First floor:- 818.15 Sq.mtrs.
10.	Total built-up area	:	1,708.30 Sq.mtrs.
11.	Surrounding properties:-		
	North (Front)	:	Road
	South (Rear)	:	Fire Station
	East (side)	:	Agriculture Land
	West (side)	:	Layout
12.	Set-back area available around the building :-		
	North (Front)	:	15.00 Mtrs
	South (Rear)	:	10.00 Mtrs
	East (side)	:	05.00 Mtrs
	West (side)	:	03.00 Mtrs

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

Sl. No.(1)	Details (02)	Existing (03)		Recommendations (04)
01	Accessibility	The premises is accessible from 05.00 mtrs. wide road on Northern side.		Adequate.
02	Number of entrances	01 Entrance. Width of entry 05.00 Mtrs		Complied
03	Number of staircases available	Nos. of staircases	01	Complied
		Width of staircases	01.50 mtrs	
		Width of treads	0.30 mtrs	
		Height of risers	0.13 mtrs	
		Nos. of riser per flight	14 Nos	
		Height of handrails	00.90 mtrs	
04	Fire alarm system	Not Provided		Recommended to provide fire alarm system



04. District Engineer
Himagiri Srigandha Trust®
JSS Layout, Madahalli Road,
Gundlupet, Chamarajnagar-Dist

M. E. Prasad
Principal,

Smart Public School
Calicut Road, Gundlupet,
Chamarajnagar-Dist

05	Portable Fire extinguishers	Not Provided	<p>Recommended to provide (ABC, Co2) type fire extinguisher for every 100 sq mtrs. Build up area of each floor of the building.</p> <p>A. One Co2 Type fire extinguisher of 4.5Kgs capacity should be provided near each electrical board & electrical room.</p> <p>B. One Mechanical foam fire extinguisher of 9 liters capacity & One ABC type extinguisher of 6Kgs capacity should be provided near Diesel Generator.</p> <p>C. One DCP type fire extinguisher of 4 kgs capacity should be provided in the Kitchen if provided for the purpose of Mid-Day Meal.</p> <p>D. One ABC type fire extinguisher of 6 kgs capacity should be located as to be available within 15.00mtrs radius.</p> <p>All the extinguishers suggested above should be with B.I.S. markings and should be located at an easily accessible position without obstructing the normal passage and maintained periodically.</p>
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06	First aid hose reel hose	Not provided.	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 30.00 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.
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At the terrace tank level with minimum pressure of 3.5 kg/cm²

[Signature]
Secretary,
Himavati Srigandha Trust®
JSS Layout, Madahalli Road,
Gundlupet, Chamarajnagar-Dist

Not provided.

The system should be connected to an booster pump of 450 LPM or of 5 HP capacity.

Further the system should be connected to an *M. E. Prasad* Principal,
Small Public School
Calicut Road, Gundlupet,
Chamarajnagar-Dist

08	Terrace tank over respective tower terrace	Not Provided	<p>The system should be connected to an over head tank of 5000 ltrs capacity.</p> <p>(The water tank should be kept exclusively for firefighting purpose)</p> <p>Note: If the exiting building is not capable of sustaining the weight of 5000 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.</p> <p>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.</p>
09	Escape routes	Not marked.	<p>Directions in which the inmates should have to move in the event of any emergency have to be indicated in the corridor/passage as a guide during evacuation. These marking should be in luminous point.</p>
10	Fire order (Fire Safety plans)	Not displayed.	<p>A notice board indicating the action to be taken by the employees in case of any emergency should be displayed along with the telephone number of Gundlupete Fire Station i.e. 08229-222811 & 101 and the telephone number of nearest Ambulance service and Police Station.</p>
	No smoking board.	Not displayed.	<p>As per Sec-4, of COTPA a board with words NO SMOKING AREA shall be written in English & Kannada both language shall be prominently displayed at inside the exit of the floor.</p>

DISTRICT FIRE OFFICE
Chamarajnagar District
Secretary,

Wimageri Srigandha Trust
JSS Layout, Madahalli Road,
Gundlupet, Chamarajnagar-Dist

Principal,
Smart Public School
Calicut Road, Gundlupet,
Chamarajnagar-Dist

12	Fire Siren	Not Installed	A Fire Siren Shall be installed in the Premises to inform the inmates in case of a fire emergency and evacuate the area.
13	Nominate one Fire Nodal Officer	Not imparted.	A Fire nodal officer Shall be nominated either from teaching or non teaching staff.
14	Fire Fighting training	Not trained.	At-least 40% of Teaching and non Teaching staff should be got trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services, Academy, Bannerugatta road, Bangalore or Regional Training Center.
<p><u>Fire precautionary measures :-</u></p> <p>A) Explosive and flammable materials should not be stores 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 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 stores 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>G) As per Honorable 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 be conducting Fire Safety drills with co-ordinate Fire Service department.</p>			

Under the above circumstance, the Karnataka Fire & Emergency Services Department is issuing Fire Safety Recommendation "Smart Public School", Vijayapura Villege, Gundlupete Taluk, Chamarajanagara District.. subject to condition and compliance of the above recommendations in Column-4 of serial-B within 3 months and compliance to the undersigned.

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

"This Fire Safety Recommendation is valid for Only One Year from the date of issue and it is renewable".

Copy to
DGP & Secretary,
Himagiri Srigandha Trust@
JSS Layout, Madahalli Road,
Gundlupet, Chamarajnagar-Dist

Yours faithfully,
District Fire Officer
Karnataka Fire & Emergency Services
Smart Public School
Calicut Road, Gundlupet,
Chamarajnagar-Dist