



Karnataka Fire and Emergency Services Department

Office of the District Fire Officer,

Jnanabharathi fire station

Bangalore University Premises, Bangalore – 560056.

Ph No.080 – 22971614



No.40/FSR/DF0/NBFS/2024.

Date. 08-08-2024.

To,
The Secretary,
Sri Jnanakshi Vidyaniketan,
Rajarajeshwari Nagar,
Bangalore-560098

Sir,

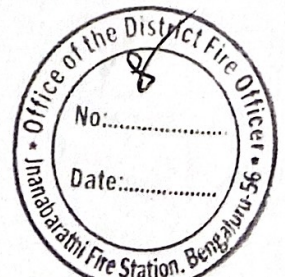
Sub: Issue of 'Fire safety recommendation' to *M/s. Sri Jnanakshi Vidyaniketan, Rajarajeshwari Nagar, Bangalore-560098*

Ref: Your letter dated:-31-07-2024.

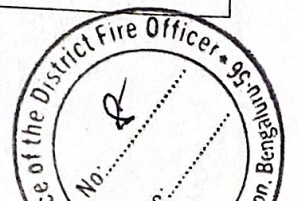
With reference to the subject cited above the premises of *M/s. Sri Jnanakshi Vidyaniketan, Rajarajeshwari Nagar, Bangalore-560098* was inspected by Fire Station Officer, Nagarabhavi Fire Station, Bangalore on 31-07-2024 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

Details of the building / premises :-

01	Name and Address of the Applicant.	:	The Secretary, M/s. Sri Jnanakshi Vidyaniketan, R.R Nagar , Bangalore-560098
02	Name and Address of the premises.	:	M/s. Sri Jnanakshi Vidyaniketan, R.R Nagar , Bangalore-560098
03	Name and address of the Building owner	:	The Secretary, M/s. Sri Jnanakshi Vidyaniketan, R.R Nagar , Bangalore-560098
04	Number of buildings	:	Two Building Building:01 & Building:02



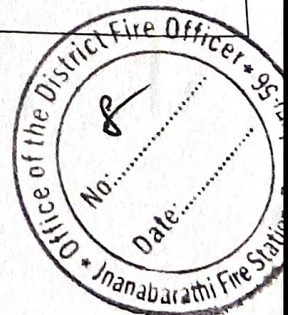
05	Number of floors	:	Building-01:Ground and 03 Upper Floors only Building-2: Ground and 01 floor only
06	<u>Floor-wise details of occupancy:-</u>		
	Building -01		
	Ground Floor	:	Prayer hall, 12 class room, 04 staff room & 02 office room
	1 st Floor	:	13 Class room & Principal room,
	2 nd Floor	:	04 Class room, Library room, 03 Science lab, Computer lab & AV room.
	3 rd Floor	:	16 Class room.
	Building -02		
	Ground Floor	:	20 class room, President room & 02 green room.
	1 st Floor	:	19 class room & Auditorium
07	Height of the building	:	Building -01: 14.30 Mtrs. Building -02: 07.10 mtrs
08	Site area	:	05 Acre 25 guntas
09.	Built-up area of each floor:-		
	Building -01		
	Ground floor	:	535.53 Sq. Mtrs.
	1 st floor	:	1610.56 Sq. Mtrs.
	2 nd floor	:	1610.56 Sq. Mtrs.
	3 rd floor	:	1610.56 Sq. Mtrs.
	Building -02		
	Ground floor	:	2866.36 Sq. Mtrs.
	1 st floor	:	2840.18 Sq. Mtrs.
10.	Total built-up area	:	11073.75 Sq. Mtrs.
11.	Surrounding properties:-		
	East (Front)	:	15.00 mtrs wide Channasandra road
	West (Rear)	:	Private property
	North (Side)	:	Private property
	South (Side)	:	Private property



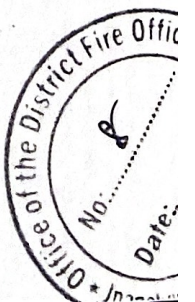
12. <u>Set-back area available around the building :-</u>			
Building -01	East (Front)	:	06.00 mtrs.
	West (Rear)	:	06.00 mtrs.
	North (Side)	:	06.00 mtrs.
	South (Side)	:	06.00 mtrs.
Building -02	East (Front)	:	06.00 mtrs.
	West (Rear)	:	06.00 mtrs.
	North (Side)	:	06.00 mtrs.
	South (Side)	:	06.00 mtrs.
Allowed setbacks (open space) should be maintained free from further obstruction / construction			

A. On inspection of this 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 to the premises	The Premises is accessible from 15.00 mtrs wide Channasandra road located on the Eastern side and it is hardened to carry the weight of 45,000Kgs.	Adequate
02	No. of entrances	One entry & One exit each of 06.00 mtrs width has provided	Complied
03	Width of entry / exit		Adequate
04	Diesel generators.	Not provided	Adequate
05	No. of staircases available	Nos. of staircases : Building-01:01 No. Building-02:03 No.	Complied.



		Width of staircases	:	Each of 1.90 mtrs.	
		Width of treads	:	30 cms	
		Height of risers	:	10 cms	
		Nos. of riser per flight	:	Each of 16 Nos.	
		Height of handrails	:	01.20 mtrs	
		Head room clearance	:	02.80 mtrs.	
06	Fire extinguisher	Not Provided			<p>A. One water mist extinguisher of 9 ltrs capacity/ABC type extinguisher should keep near each staircase landing.</p> <p>B. One mechanical foam extinguisher of 9 ltrs capacity & One ABC type extinguisher 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 provided for every 100 Sq.mtrs should be provided.</p>
07	First aid Hose reel hose.	Not provided.			<p>Building-01 :02 & Building-02: 03 Hose Reel Hose system should be provided near the staircases. Each hose reel hose of min 19mm size and of adequate length to reach the farthest point of each floor should be provided shut off branch having a nozzle of 5mm size. The hose reel hose should be connected at each landing.</p>



08	Terrace tank over respective tower terrace.	Not provided.	Each Hose reel hose system should be connected to an over head tank of 10,000 ltrs capacity. (The water tank should be kept exclusively for fire fighting).
09	Terrace Pump at the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not provided.	Each Hose reel hose system should be connected to an Booster pump capable of delivering 450 LPM. (Further the system should be connected to an alternative source of power supply).
10	Fire siren	Not installed.	A fire siren shall be installed in the premises to inform the inmates in the case of a fire emergency and evacuate the area.
11	No smoking board	Not displayed.	COTPA Sec-4 direction No smoking area, Smoking is an offence board should be written in English and kannada both language shall be prominently displayed at inside the entry/exit of each floor.
12	Escape routes	Not marked.	Direction in which the students have to move in the event of an emergency should be displayed in the corridor on each floor during evacuation.
13.	Nominate one fire nodal officer	Not provided.	The School authority should be nominate a fire nodal officer for maintaining fire fighting equipments
14.	Fire order	Not provided.	Fire order indicating with the details of action to be taken by the employees in case of fire shall be displayed inside the building. The notice boards shall be written in Kannada and English with telephone numbers of Nagarbhavi Fire Station i.e. 22971614 & 101 and telephone numbers of nearest Ambulance service, Police station Management displayed.



15.	Fire fighting training	Not Trained.	At least 40% of the staff Should be got trained in fire and fire fighting evacuation measures at R.A.Mundkur Fire & Emergency Services Academy, B.G.Road, Bangalore- 29 within 3 months from the date of Issue of Advise.
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B. Fire precautionary measures :-

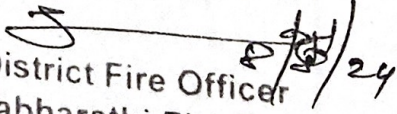
- A. Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises.
- B. Accumulation of combustible waste in and around the premises should be avoided.
- C. The exit ways shall be always kept clear without any obstruction.
- D. Liquefied petroleum gas should not be stored in the building.
- E. The doors shall not be kept locked / latched during working hours and shall be free from obstruction.
- F. During the class hours the class room doors shall not be locked from inside to outside.
- G. 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.

Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing '**Fire Safety Recommendation**' to M/s. *Sri Jnanakshi Vidyaniketan*, Situated at Rajarajeshwari Nagar, Bangalore-560098. Subject to condition and compliance of the above recommendations in column- 4 of serial-B within 3 months and compliance to the undersigned.

This '**Fire Safety Recommendation**' is issued for a period of only one year from the date of issue.

* 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.


District Fire Officer
Jnanabharathi Fire Station
Bengaluru - 560 056