

Karnataka State Fire



And Emergency Services

No:386/CFO/KLB/Advice/2021.

Dated:16-10-2021

To,
Sri Laxmi Timmappa Educational
And Charitable Trust
Bodhivruksha Campus, Chanderki Road,
At Gurumatkal Tq.Gurumatka,
Dist.Yadgiri-585214.
Sir,

Sub:-Issue of "Fire Safety Recommendations" on requirement of fire Prevention fire fighting and evacuation measures required at Sri Laxmi Timmappa Educational And Charitable Trust Under Sri Laxmi Timmappa School And College Gurumatkal, Tq.Gurumatkal Di.Yadgiri-585214

Ref :-1) Applicants letter Dated 05/10/2021
2) C.No.20/DFO/INS/Yadagiri/2021, Date- 11-10-2021

With reference to the subject above cited, the premises of Sri Laxmi Timmappa Educational And Charitable Trust Under Sri Laxmi Timmappa School And College Gurumatkal, Tq.Gurumatkal Di.Yadgiri-585214. was inspected by, District Fire Officer, Yadagiri on 11-10-2021 with respect to fire prevention, fire fighting and evacuation measures to be Provided in the above premises and Submitted building details as under.

Details of the Building / Premises :-

01	Name and Address of the Applicant.	:	Sri Laxmi Timmappa Educational And Charitable Trust Bodhivruksha Campus, Chanderki Road, At Gurumatkal Tq.Gurumatkal Di.Yadgiri-585214.
02	Name and Address of the premises.	:	Sri Laxmi Timmappa School And College Sri Laxmi Timmappa Educational And Charitable Trust Bodhivruksha Campus, Chanderki Road, At Gurumatkal Tq.Gurumatkal Di.Yadgiri-585214.
03	Name and address of the Building owner	:	Sri Laxmi Timmappa Educational And Charitable Trust Bodhivruksha Campus, Chanderki Road, At Gurumatkal Tq.Gurumatkal Di.Yadgiri-585214.
04	Number of buildings	:	01 Building.
05	Number of floors	:	Ground+2 Floor.
06	<u>Floor-wise details of occupancy:-</u>		
	Ground Floor	:	Class Room's-13 No's, Record Room-01 No, Admin Room-01 No, Science Lab-01 No, Sports Room-01 No, Computer Lab-01 No, Library Room-01, Principal Room-01 No, Staff Room-01 No, Music, Dance Room-01, Auditorium-01 No.



		1 st Floor	:	Class Room's-13 No's, Record Room-01 No, Admin Room-01 No, Science Lab-01 No, Sports Room-01 No, Computer Lab-01 No, Library Room-01, Principal Room-01 No, Staff Room-01 No, Music, Dance Room-01, Auditorium-01 No.
		2 nd Floor	:	Class Room's-13 No's, Record Room-01 No, Admin Room-01 No, Science Lab-01 No, Sports Room-01 No, Computer Lab-01 No, Library Room-01, Principal Room-01 No, Staff Room-01 No, Music, Dance Room-01, Auditorium-01 No.
07	Height of the building		:	10.7 Mtrs.
08	Site area		:	7714 Sq.Mtr.
09	Built-up area of each floor:-			
	Ground Floor		:	2362.63 Sq. Mtr.
	1 st Floor		:	2052.28 Sq. Mtr.
	2 nd Floor		:	2052.28 Sq. Mtr.
10	Total built-up area		:	Total 6467.19 Sq. Mtr.
11	Surrounding properties:-			
		East (Front)	:	12 Mtr Wide Road.
		West	:	Agriculture Land
		North	:	Owners Open Land
		South	:	Owners Open Land
12	<u>Set-back area available around the building :-</u>			
		East (Front)	:	06.00 mtrs.
		West	:	Nil
		North	:	02.00 mtrs.
		South	:	02.00 mtrs.

B. On inspection of this Institutional 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 09 meters Wide Road towards Northern side.	Adequate.
02	No of entrances/Exits	01 No Entrance/Exits of width 06 Mtrs.	Adequate.



03	No. of staircases Available	No's. of staircases	:	03 NO's.			Recommended to Widen the existing staircase of width 1.50 mtrs wide.
		Width of staircases	:	2.10 Mtrs.	1.20 Mtrs.	1.20 Mtrs.	
		Width of treads	:	28 Cms	28Cms	28 Cms	
		Height of risers	:	18 Cms	18 Cms	18 Cms	
		Nos. of riser per flight	:	14 No's.	14 No's.	14 No's.	
		Height of handrails	:	01 Mtrs.	01 Mtrs.	01 Mtrs.	
		Head room clearance	:	5.5 Feet.	03 mtrs.	03 Mtrs.	
04	Fire extinguisher	Provided 08 No's Of ABC fire Extinguishers Each of 4 Kgs capacity And 01 No of CO2 fire Extinguishers Each of 4.5 Kgs capacity.				Recommended to Provide 03 No's Of ABC Extinguishers Each of 4 Kgs capacity for Class Room's. 4.5 kg capacity 01 No CO2 FE for Electrical Panel Room. 2 No's of tested rubber Gloves near by the main panel board. 03 No's sand bucket with stand .	
05	Public address system	Not provided				Recommended to Provide Public Address System with 02 Way Communication facility at each floor of this building with its control at the ground floor level.	
06	Safe assembly area	Not provided				Recommended to Provide safe Assemble area at the strategic location and ear marked the area and the direction for the assemble area must lead from the class rooms to the assemble area. There must be to doorways exist for each class rooms.	
07	First aid	Provide First aid kit at each floor				Complained.	
08	First aid Hose reel hose.	Not provided				Recommended to Provided 03 No's of Hose reel hose system dia of 100 mm 30 mtrs length of GI-C type pipe Each System connected to terrace tank of 10000 ltrs capacity of water and Booster pump of 450 LPM capacity and the hose reel hose must be provided in ground and each floor landing near the staircases	



09	Automatic sprinkler system.	Not provided	Not Required
10	Terrace tank over respective tower terrace.	Not Provided.	Recommended to Provide The Hose reel hose system shall be connected to an RCC type overhead tank of 10,000 ltrs capacity.
11	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not provided	Recommended to Provide Terrace booster pump capable of delivering 450 ltrs of water per minute shall be provided to hose reel hose system. The system should also be connected to an alternative source of power supply.
12	Fire control room at ground floor.	Not provided	Recommended to Provide The Fire control room shall be on the ground floor of the building.
13	Escape routes	Not provided	Recommended to Provide Directions in which the students and faculty should have to move in the event of any emergency have to be indicated in the corridor/passage on each floor as a guide during evacuation. These should be in luminous paint.
14	Fire Prevention Measures	Provided 1) C.C. Camera	<ol style="list-style-type: none"> 1. Explosive And Inflammable Materials Should Not be Stored In the Premises. 2. Accumulation of Combustible Waste in and Around the Premises Should be avoided. 3. The Class room And Other Door Shall Not be Kept Locked/Latched During working hours and Shall be Free From Obstructions. 4. C.C. Cameras so Provided All Around the School building at the Strategic location to be maintained. 5. On site and Off site Emergency Plans Must be Prepared the Mock evacuation drill must be Conducted Twice A Year.
15	Fire order	Not provided	Recommended to Provide Notice boards indicating the details of action to be taken in case of any emergency with telephone numbers of Yadgiri



			Fire Station i.e. 08473-252101, 112 And 101 and nearby ambulance service shall be displayed near each staircase landing at each floor.
16	Fire fighting training	Not Trained	Recommended to Provide At least 40% of the staff Should be got trained in fire prevention and fire fighting evacuation measures at R.A. Mundkur Fire & Emergency Services Academy.

Hence this "Fire Safety Recommendation" is issued to Laxmi Timmappa Educational And Charitable Trust Under Sri Laxmi Timmappa School And College Gurumatkal, Tq. Gurumatkal Di.Yadgiri-585214. subject to strict adherence of the conditions as laid down in this Recommendations and to check the portable fire extinguishers & the Hose reels and pumps and to conduct mock drills periodically And the management must not extend the height of the building beyond 15.0 meters. and this Recommendations is valid for a period of one year from the date of issue.

Your's faithfully,

Copy to: The District Fire Officer Yadagiri.

**CHIEF FIRE OFFICER
KARNATAKA FIRE AND
EMERGENCY SERVICES
KALABURAGI ZONE
KALABURAGI-585107**