

No.100/FSR/CFO/MD/2021

To

The Principal,  
Sri Chennamallikarjuna School,  
Channakeshava Nagara,  
Shikaripura- 577 427,  
Shimogga District.

Sir,

Sub: Issue of 'Fire safety recommendation' to Sri Chennamallikarjuna School building, constructed at Ward No. 20, Sy.No. 146/1A of Kanooru Village, Shikaripura Taluk, Shimogga District.

Ref: Report No.23/FSR/DFO/SG/2021 dated 19-03-2021 of the District Fire Officer, Shivmogga.

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With reference to the subject above cited, the premises of Sri Chennamallikarjuna School building, constructed at Ward No. 20, Sy.No. 146/1A of Kanooru Village, Shikaripura Taluk, Shimogga District was inspected by the District Fire Officer, Shivmogga on 23-02-2021, with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under;

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

01. Name and Address of the Applicant. : The Principal,  
Sri Chennamallikarjuna School,  
Channakeshava Nagara,  
Shikaripura- 577 427,  
Shimogga District.
02. Name and Address of the premises. : Sri Chennamallikarjuna School,  
Sy.No. 146/1A,  
Kanooru Village,  
Shikaripura Talluk- 577 427,  
Shimogga District.
03. Name and address of the Building owner : The President,  
Shri Channaiah,  
S/o Shivanandaiah,  
Ward No 20,  
Channakeshava Nagara,  
Shikaripura- 577 427,  
Shimogga District.
04. Number of buildings : One
05. Number of floors : Cellar, round floor and three upper floors.
06. **Floor-wise details of occupancy:-**

Cellar : Store room.  
Ground floor : 09 class rooms, office, Staff room, Library &  
Kitchen with dining hall.



**Note:- Kitchen should be shifted immediately from the school building. Separate shed shall be constructed away from the school building to use as kitchen.**

- 1<sup>st</sup> floor : 08 class rooms, computer room, 03 labs & student rest room.  
 2<sup>nd</sup> floor : 12 class rooms & staff room.  
 3<sup>rd</sup> floor : Auditorium & 02 rooms.
- 07 Height of the building : 13.80 mtrs.  
 08 Site area : 01.25 Acres
09. Built-up area of each floor:-  
     Cellar : 66.92 Sq.mtrs  
     Ground floor : 972.65 Sq.mtrs.  
     1<sup>st</sup> floor : 972.65 Sq.mtrs.  
     2<sup>nd</sup> floor : 972.65 Sq.mtrs.  
     3<sup>rd</sup> floor : 972.65 Sq.mtrs.
10. Total built-up area : 3,957.52 Sq.mtrs.
11. Surrounding properties:-  
     East (Front) : 08.00 mtrs wide Service road  
     West (rear) : 08.00 mtrs wide Service road  
     North (Side) : 08.00 mtrs wide Service road  
     South (Side) : Private Vacant land
12. open area available around the building :-  
     East (Front) : 23.00 mtrs.  
     West (rear) : Nil  
     North (Side) : Nil  
     South (Side) : Nil

Allowed setbacks (open space) should be maintained free from further obstruction/ construction

**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. (01)	Details (02)	Existing (03)	Recommendations (04)
01.	Accessibility to the premises	The premise is accessible from 08.00 mtrs. wide Service road located on the northern side and the road is hardened to carry the weight of 45,000 kgs.	Adequate.
02.	Number of entrances	Two	The width of the entrance should be widened to minimum 06.00 mtrs.



(01)	(02)	(03)	(04)
03.	Diesel generator	Not provided	One adequate capacity standby generator should be provided and it should be connected to alternative power supply.
04.	Number of staircase	Nos. of staircases : Two Width of staircases : 01.60 mtrs. & 01.10 mtrs. Width of treads : 0.30 mtr. Height of risers : 0.15 mtr. Nos. of riser per flight : Maximum 11 flights Height of handrails : 01.60 mtr & 0.70 mtr.	
05.	Portable extinguishers	Provided 03 Nos. water type extinguisher each of 09 ltrs capacity & 1 DCP Extinguisher of 04 kgs. capacity.	A. One water mist extinguisher of 9 ltrs capacity should kept near each staircase landing. B. One mechanical foam extinguisher of 9 ltrs capacity & One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator. C. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room. D. One ABC type fire extinguisher of 06 kgs capacity should be located as to be available within 15 mtrs. radius.
06.	Hose reel hose system	Not provided	One Hose Reel Hose systems required should be installed. <b>(one hose reel hose system for every 1000 Sq. mtrs).</b> The hose reel hose of min 19 mm 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.

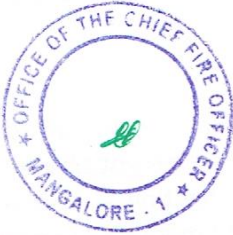




Under the above circumstance the Karnataka Fire & Emergency Service Department is issuing '**Fire Safety Recommendation**' to Sri Chennamallikarjuna School building, constructed at Ward No. 20, Sy.No. 146/1A of Kanooru Village, Shikaripura Taluk, Shimogga District subject to condition and compliance of the above recommendations in column - 4 of serial - B within 3 months and compliance to the undersigned.

This **Fire Safety Recommendation** is valid for 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,

*[Handwritten signature]* 25/3/21

**Chief Fire Officer**  
Karnataka State Fire & Emergency Services  
Mangalore

Copy to:-

- 1) The Director, CBSE, Shikshakendra 2, Community centre, preeth vihar, Delhi-110092.
- 2) The District Fire Officer, Shivmogga.