

Office of The District Fire Officer  
Karnataka Fire & Emergency Services  
Uttara Kannada District, Karwar-581301

Dated: 04-09-2023

No.81/FSR/DFO/UK/2023

To

The Principal,  
RNS Vidyaniketan,  
Murudeshwar Village,  
Bhatkal Taluk-581350  
Uttara Kannada District

Sir,

Sub : Issue of **revised 'Fire safety recommendation'** RNS Vidyaniketan Primary School, R N Shetty Pre-University College & RNS College of Nursing building at Sy No. 348/E Murudeshwar Village, Bhatkal Taluk, Uttara Kannada District .

Ref: 1) The chief Office Fire Sefty recommendation certificate No.230/FSR/CFO/MD/2021. Dated 06-08-2021

2) Your Letter Dated: 17 -08-2023.

With reference to subject cited above, Fire Safety Recommendation letter was issued vide reference (1) RNS Vidyaniketan Primary School, R N Shetty Pre-University College & RNS College of Nursing building, comprising Basement, Ground and two upper floors only situated at Sy.No. 348/E, Murudeshwar Village, Bhatkal Taluk-581350 Uttara Kannada District with a condition to fulfill the recommendations and compliance the same.

Now as requested by you in letter cited above at ref.(2), the building was re-inspected by me On 29-08-2023 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details as under.

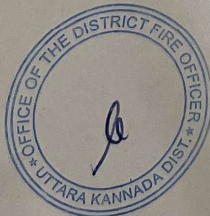
**A. Details of the building / premises :-**

01. Name and Address of the Applicant. : The Principal,  
RNS Vidyaniketan Primary School,  
R N Shetty Pre-University College &  
RNS College of Nursing  
Murudeshwar Village,  
Bhatkal Taluk-581350  
Uttara Kannada District
02. Name and Address of the premises. : RNS Vidyaniketan Primary School,  
R N Shetty Pre-University College &  
RNS College of Nursing,  
Murudeshwar Village,  
Bhatkal Taluk-581350  
Uttara Kannada District





03. Name and address of the Building owner : Shri R.N Shetty,  
R.N.Shetty Trust,  
R.N.S.Vidyanikethan  
Murdeshwara Village  
Bhatkal Talluk -581 350  
Uttarakannada District
04. Number of buildings : One
05. Number of floors : Basement,Ground and two upper floors
06. **Floor-wise details of occupancy:-**
- Basement : Prayer hall ( Should not be used for Class room )
- Ground floor : Principal chamber,admine office, 01 computer lab,01 science lab,15 class room & RNS PU college
- 1<sup>st</sup> Floor : 06 class rooms, RNS nursing college & degree college
- 2<sup>nd</sup> floor : Nursing college & degree college
07. Height of the building : 12.50 Mtrs
08. Site area : 11836.89 Sq mtrs (02 acres 37 Guntas)
09. Built-up area of each floor:-
- Basement floor : 1066.49 Sq Mtrs
- Ground floor : 1978.99 Sq Mtrs
- 1<sup>st</sup> Floor : 1978.99 Sq Mtrs
- 2<sup>nd</sup> Floor : 1978.99 Sq Mtrs
10. Total built-up area : 7003.46 Sq Mtrs
11. Surrounding properties:-
- East (Front) : National highway-66 road
- West (rear) : Vacant land
- North (Side) : RNS Vidyanikethan road & hostel





South (Side) : Play Ground

12. Open area available around the building :-

East (Front) : 28.00 mtrs

West (Rear) : 25.00 mtrs

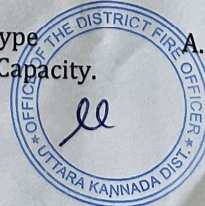
North (Side) : 07.60 mtrs

South (Side) : 12.50 mtrs

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

**B. On inspection of this School/College 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 abutting 18.00 mtrs wide Karwar to Manglore road, located on the eastern side and the road is hardened to carry the weight 45,000 kgs.	Adequate.
(01)	(02)	(03)	(04)
02.	Number of entrances	One.	Adequate.
03.	Number of staircase	Number of staircases : Three Width of staircases : Each of 01.10 mtrs Width of treads : Each of 0.32 mtr Height of risers : Each of 0.18 mtr Nos. of riser per flight : Each of 13 Nos. Height of handrails : Each of 00.90 mtrs.	Complied
04.	Portable extinguishers	Provided 04 nos of ABC Type fire Extinguishers of 06 kg Capacity.	A. One water mist extinguisher of 9 ltrs.





capacity should kept near each staircase landing in each floor.

B. One mechanical foam extinguisher of 9 ltrs capacity & One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.

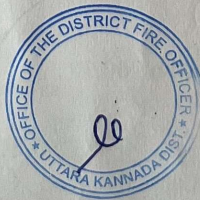
C. One CO<sub>2</sub> type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board & electrical room.

D. One ABC type fire extinguisher of 06 Kgs capacity should be located as to be available within 15 mtrs. radius.

05. Hose reel hose system Not provided

One Hose Reel Hose near the staircase should be provided in each floor. **(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.

(01)	(02)	(03)	(04)
06.	At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Not Provided	The Hose Reel Hose system should be connected to an booster pump of 450 LPM or of 5 HP capacity. Further the system should be connected to an alternative source of power supply.





- 07 Diesel generator Provided 01 diesel generator of 125 KVA capacity One adequate capacity standby generator should be provided to supply alternative power supply.
08. Terrace tank Provided Terrace tank of 2000 ltrs Capacity The system should be connected to an over head tank of 5,000 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 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 marked Direction in which the students have to move in the event of an emergency should be displayed in the corridor on each floor in each building during evacuation.

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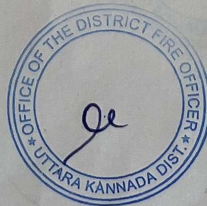
(01)

(02)

(03)

(04)

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10.	Fire order (Fire safety plans)	Not displayed	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 <b>Bhatkal Fire Station i.e. 101, 112 &amp; 08385-222140</b> and the telephone number of nearest ambulance service & Police station.
11.	No smoking board	Not displayed	COTPA Sec-4 direction No Smoking area smoking here is an offence board should be written in English & Kannada both language shall be prominently displayed at inside the entry / exit of the each floor.
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	--	A fire nodal officer shall be nominated either from teaching or non teaching staff.
14.	Fire fighting training	Not imparted	At-least 40% of Teaching and non Teaching staff should be got trained in basic fire fighting at the Karnataka Fire and Emergency Services, Chief Fire officer's Office, Pandeshwara, Mangaluru - 575 001 or at the R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore.





15. **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 14<sup>th</sup> 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 **revised 'Fire Safety Recommendation'** RNS Vidyaniketan Primary School, R N Shetty Pre-University College & RNS College of Nursing, building at Sy No. 348/E Murudeshwar Village, Bhatkal Taluk, Uttara Kannada District ., subject to condition and compliance of the above recommendations in column -4 of serial -B within 3 months and compliance to the undersigned. The applicant has remitted Rs.5,000-00 (Rupees Five thousand only) vide challan No.. 202599538 date 04-09-2023 at SBI Karwar Branch being the Advise fees.

This **Fire Safety Recommendation** is valid for only one year from the date of issue and it is renewable.

Yours faithfully



*Jewel* 04/09/2023  
**District Fire Officer**  
Karnataka Fire & Emergency Service  
Uttara Kannada District, Karwar

Copy to:

- 1) The Block Education Officer, Bhatkal Taluk Uttara Kannada District.
- 2) The Deputy Director (FP), Bengaluru.