

Ref. No NES / BNN/01

Date: 28-02-2020

To,

**The Chief Fire Officer,  
Bangalore West Zone,  
Karnataka State Fire and Emergency Services,  
Sheshadri Road,  
BANGALORE - 560 009.**

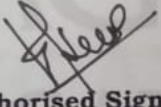
Dear Sir,

**SUB: Issue of Fire Safety Recommendation for our Educational Building Consisting of Ground Floor + 3 Upper Floors, Survey No.104 & 105, Ananthpur Village, Behind CRPF Campus, Yelahanka, Bangalore 560 064.**

With reference to the above subject we are herewith enclosing Fire Protection Drawings for our Educational Building. We will pay the necessary charges Payable to Karnataka Fire force. Kindly issue the **Fire Safety Recommendation** at the Earliest and Oblige.

Thanking you,

Yours Truly,  
For **Nagarjuna Education Society**

  
**Authorised Signatory**

**Enclosures:**

1. Requisition letter.
2. Fire Protection Drawing..
3. Documents & Property Tax paid receipt.



**Fire precautionary measures :-**

- 13.
- 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 or 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 '**Fire Safety Recommendation**' to **Nagarjuna Vidyaniketan** situated at **No. 104, IVRI Road, Behind CRPF Campus, yelahanka, Bengaluru** subject to condition and compliance of the above recommendations in column -3 of serial - B within 3 months and compliance to the undersigned.

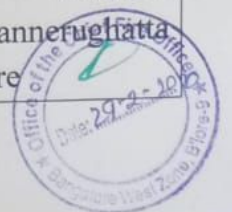
This Fire Safety Recommendation is issued for the one year from the date of issue & it is renewable.

♣ 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.

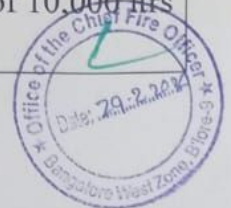
Yours faithfully

  
 Chief Fire Officer  
 Bangalore West, Sheshadri Road,  
 Highground Fire Station Premises,  
 Bangalore - 560 009.

08.	At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Not provided	Each, system should be connected to an booster pump of 450 LPM.  Further the system should be connected to an alternative source of power supply.
09.	Escape routes	Direction in which the students have to move in the event of an emergency has been indicated in the corridor on each floor during evacuation.	Complied
10.	Fire order (Fire safety plans)	A notice board has been indicated the action should be taken by the employees in case of any emergency with the telephone number of Yelahanka fire station i.e 080 - 29733407 & 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station.	Complied
11.	No smoking board	Not displayed	COTPA Sec-4 directin 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 fighting training	Not imparted	At-least 40% of the staff should be got trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerghatta road, Bangalore



			<p>B. One water mist &amp; CAFS type fire extinguisher of 9 ltrs capacity should kept near each staircase landing.</p> <p>C. One mechanical foam extinguisher of 9 ltrs capacity &amp; One ABC type extinguisher of 6 kgs capacity should be provided near diesel generator.</p> <p>D. One CO2 type fire extinguisher, of 4.5 kgs capacity should be provided near each electrical panel board &amp; electrical room.</p>
06.	Hose reel hose system	Not provided	<p>Recommended to provide <b>02 Hose Reel Hose near each staircase</b> The 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>
07.	Terrace tank over respective tower terrace.	Not provided	<p>Each, system should be connected to an over head tank of 10,000 ltrs capacity</p>



## Karnataka Fire and Emergency Services Department

Office of the Chief fire officer,  
Bangalore west zone, High-ground fire station premises,  
Sheshadri road, Bangalore - 560 009.  
080 - 22971523 / 500 / 600. Fax : 080 - 22971523.



No.214/FSR/CFO/BWZ/2020

29-02-2020

To,

The Principal,  
Nagarjuna Vidyaniketan,  
No. 104, IVRI Road,  
Behind CRPF Campus,  
Yelahanka, Bengaluru.

Sir,

Sub : Issue of 'Fire safety Recommendation' to Nagarjuna Vidyaniketan  
Situating at No. 104, IVRI Road, Behind CRPF Campus,  
Yelahanka, Bengaluru.

Ref: Your letter Dated 2-02-2020.

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With reference to the subject above cited, the premises of Nagarjuna Vidyaniketan situated at No. 104, IVRI Road, Behind CRPF Campus, yelahanka, Bengaluru was inspected by District Fire Officer, Yelahanka Fire Station on 29-02-2020 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-B**

*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. )

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

01.	Name and Address of the Applicant.	:	The Principal, <u>Nagarjuna Vidyaniketan</u> , No. 104, IVRI Road, Behind CRPF Campus, Yelahanka, Bengaluru.
02.	Name and Address of the premises.	:	<u>Nagarjuna Vidyaniketan</u> , No. 104, IVRI Road, Behind CRPF Campus, Yelahanka, Bengaluru.



03.	Number of buildings	:	One building.
04.	Number of floors	:	Ground & 02 upper floors only.
05.	<b><u>Floor-wise details of occupancy:-</u></b>		
	Ground floor	:	Reception, waiting lounge, principal chamber, 4 class rooms, sick bay, coordinator room, accounts & transport, music & dance room & sand pit area.
	1 <sup>st</sup> floor	:	08 class rooms, activity hall, library, ICT hall
	2 <sup>nd</sup> floor	:	08 class rooms, staff room & auditorium
06.	Height of the building	:	12.20 Mtrs.
07.	Site area	:	16187.29 Sq. mtrs
08.	<b><u>Built-up area of each floor:-</u></b>		
	Ground floor	:	2127.44 Sq.Mtrs.
	1 <sup>st</sup> floor	:	1969.51 Sq.Mtrs.
	2 <sup>nd</sup> floor	:	1988.63 Sq. Mtrs
09.	<b>Total built-up area</b>	:	<b>6085.58 Sq. Mtrs.</b>
10.	<b><u>Surrounding properties:-</u></b>		
	East	:	CRPF campus
	West	:	IVRI road
	North	:	13.50 mtrs wide Mavallipura to Doddaballapura – Yelahanka main road (IVRI road)
	South	:	Vacant land
11.	<b><u>Set-back area available around the building :-</u></b>		
	East	:	10.70 Mtrs.
	West	:	05.70 Mtrs.
	North	:	Min 10.00 Mtrs.
	South	:	05.70 Mtrs.
<b>Allowed setbacks (open space) should be maintained free from further obstruction / construction for easy movement of emergency vehicles.</b>			

