

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.121/FSR/CFO/BWZ/2020

06-05-2020

To,

*The President,
Sri Jnanodaya Education Trust,
Near Doddamma Temple,
Kurubarahalli, Kodigehalli Post,
Doddaballapura Taluk, Bengaluru Rural District.*

Sir,

Sub : Issue of 'Fire safety Recommendation' to Gurukula International Residential School at Kurubarahalli, Kodigehalli Post, Doddaballapura Taluk, Bengaluru Rural District.

Ref: Your letter Dated 05-02-2020.

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With reference to the subject above cited, the premises of **Gurukula International Residential School** situated at **Kurubarahalli, Kodigehalli Post, Doddaballapura Taluk, Bengaluru Rural District** was inspected by District Fire Officer, Yelahanka Fire Station on 07-02-2020 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 (II) 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.	:	<i>The President, <u>Sri Jnanodaya Education Trust,</u> Near Doddamma Temple, Kurubarahalli, Kodigehalli Post, Doddaballapura Taluk, Bengaluru Rural District.</i>
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Deesh.K-S
Principal
GURUKULA INTERNATIONAL
RESIDENTIAL SCHOOL
Near Doddamma Temple, Kurubarahalli,
Kodigehalli Post, Doddaballapur Taluk
Bengaluru Rural Dist.- 561 203

For GURUKULA INTERNATIONAL
RESIDENTIAL SCHOOL

A. N. Lakshmi
General Secretary



02.	Name and Address of the premises.	:	<u>Gurukula International Residential School,</u> Kurubarahalli, Kodigehalli Post, Doddaballapura Taluk, Bengaluru Rural District
03.	Number of buildings	:	One building.
04.	Number of floors	:	Ground floor only.
05.	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	Reception, waiting lounge, head master room & office, Chairman room, 9 class rooms, kids play room, library, computer lab, administration room & staff room.
06.	Height of the building	:	04.00 Mtrs.
07.	Site area	:	8098.42 Sq. mtrs
08.	<u>Built-up area of each floor:-</u>		
	Ground floor	:	1276.68 Sq.Mtrs.
09.	Total built-up area	:	<i>1276.68 Sq. Mtrs.</i>
10.	<u>Surrounding properties:-</u>		
	East	:	12.00 mtrs wide internal road which in-turns connected to Dabaspeta to Doddaballapura main road.
	West	:	Empty land.
	North	:	Empty land.
	South	:	Empty land.
11.	<u>Set-back area available around the building :-</u>		
	East	:	Min 10.00 Mtrs.
	West	:	02.70 Mtrs.
	North	:	Min 10.00 Mtrs.
	South	:	02.50 Mtrs.
	Allowed setbacks (open space) should be maintained free from further obstruction / construction for easy movement of emergency vehicles.		

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For GURUKULA INTERNATIONAL
RESIDENTIAL SCHOOL

A.N. Geesh
General Secretary




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. (1)	Details (02)	Existing (03)	Recommendations (04)														
01.	Accessibility to the Premises	The building is abutting from 12.00 mtrs wide internal road which in-turns to connected to Dabaspete to Doddaballapura main road.	Adequate														
02.	Number of entrances	One entry of 06.00 mtrs width has been provided.	Complied														
03.	Generators	Not provided	One adequate capacity of generator should be provided and it should be connected to all emergency lighting & all fire fighting systems.														
04.	Number of staircase	<table border="1"> <tr> <td>Nos. of staircases</td> <td>: 02 No's</td> </tr> <tr> <td>Width of staircases</td> <td>: Each of 01.80 Mtrs</td> </tr> <tr> <td>Width of treads</td> <td>: 30 Cms</td> </tr> <tr> <td>Height of risers</td> <td>: 15 Cms</td> </tr> <tr> <td>Nos. of riser per flight</td> <td>: 12 No's</td> </tr> <tr> <td>Height of handrails</td> <td>: 01.00 Mtrs</td> </tr> <tr> <td>Head room clearance</td> <td>: 03.00 mtrs</td> </tr> </table>	Nos. of staircases	: 02 No's	Width of staircases	: Each of 01.80 Mtrs	Width of treads	: 30 Cms	Height of risers	: 15 Cms	Nos. of riser per flight	: 12 No's	Height of handrails	: 01.00 Mtrs	Head room clearance	: 03.00 mtrs	Complied.
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05.	Portable extinguishers	12 nos of ABC type fire extinguishers, each of 5 kgs capacity have been provided.	A. One water mist & CAFS type fire extinguisher of 9 ltrs capacity should kept near each staircase landing.														

			<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>
06.	Hose reel hose system	Not provided	<p>Recommended to provide 02 Hose Reel Hose near each staircase 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>


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For **GURUKULA INTERNATIONAL
 RESIDENTIAL SCHOOL**


 General Secretary



08.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	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.	
10.	Fire order (Fire safety plans)	Not displayed	A notice board should be indicated the action should be taken by the employees in case of any emergency with the telephone number of Doddaballapura fire station i.e 080 - 27630101 & 101, 550, 500 & 600 and the telephone number of nearest ambulance service & Police station.
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.

Deepsh K.S
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For GURUKULA INTERNATIONAL
RESIDENTIAL SCHOOL

A N Sathya
General Secretary

6-05-2020

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, Bannerughatta road, Bangalore
13.	<p><u>Fire precautionary measures :-</u></p> <p>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.</p> <p>B. Accumulation of combustible waste in and around the premises should be avoided.</p> <p>C. The exit ways shall be always kept clear without any obstruction.</p> <p>D. Liquefied petroleum gas should not be stored in the building.</p> <p>E. The doors shall not be kept locked / latched during working hours and shall be free from obstruction.</p> <p>F. During the class hours the class room doors shall not be locked from inside or outside.</p> <p>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.</p>		

Under the above circumstance the Karnataka Fire & Emergency Service Gurukula International Residential School situated at Kurubarahalli, Kodigehalli Post, Doddaballapura Taluk, Bengaluru Rural District



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** was issued for the period of 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.

Deesh K. S
Principal
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Kodigehalli Post, Doddaballapur Taluk
Bengaluru Rural Dist.- 561 203

For GURUKULA INTERNATIONAL
RESIDENTIAL SCHOOL
A. N. Lalit
General Secretary

Yours faithfully
S. S. Srinivas
Chief Fire Officer
Bangalore West, Hebbal Road,
Highground Fire Station, 16/5/2020