

C.NO.04/ADV/DFO/VJP/2023**Date: 05-01-2023**

To,

President
Sri Chatrapati Shivaji Maharaj
Education Society ® Gyang Bowdi,
Heralagi Layout Vijayapur City,
Vijayapur Taluq Vijayapur District.

Sir,

Sub : Issue of '**Fire safety recommendation/Advice**' to Sri Chatrapati Shivaji Maharaj Education Society ® Sri Rabindranath Tagore Primary and High School and P.U. College Gyang Bowdi, Heralagi Layout Vijayapur City, Vijayapur Taluk, Vijayapur District.

Ref: 1) Applicant request letter Dated 05/01/2023
2) C.No.01/FSO/VJP/2023 Dated 05/01/2023
3) No.GBC(2)044/2020-21 dated 21/06/2022 S.O No.156-B.

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With reference to the subject above cited, the premises of Sri Chatrapati Shivaji Maharaj Education Society ® Sri Rabindranath Tagore Primary and High School and P.U. College building consisting with Ground+03 Upper floor only situated at Sy no. 872/E Plot No-24, Gyang Bowdi, Heralagi Layout Vijayapur City, Vijayapur Taluk, Vijayapur District. Was inspected by the Fire Station Officer Vijayapur on 05/01/2023 and submitted his report, with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises and has submitted the details are as follows.:

ANNEXURE-1

(Up to 14.99 mtrs. in height)

Group B Education Building*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.	:	President Sri Chatrapati Shivaji Maharaj Education Society ® Gyang Bowdi, Heralagi Layout Vijayapur City, Vijayapur Taluq Vijayapur District
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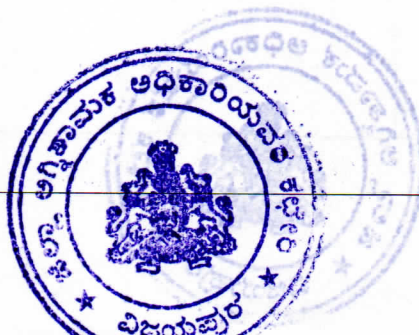
02	Name and Address of the premises.	:	Sri Rabindranath Tagore Primary and High School and P.U. College at Sy.No. 872/E Plot No-24, Gyang Bowdi, Heralagi Layout Vijayapur City, Vijayapur Taluq Vijayapur District
03	Name and address of the Building owner	:	President Sri Chatrapati Shivaji Maharaj Education Society ® Gyang Bowdi, Heralagi Layout Vijayapur City, Vijayapur Taluq Vijayapur District
04	Number of buildings	:	01
05	Number of floors	:	Ground + 03 upper Floor
06	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	19 Nos of Class Rooms, Office Room, Head Master Room, toilet section.
	1 st floor	:	20 Nos of Class Rooms
	2 nd floor	:	06 Nos of Class Rooms, Office Room, Head Master Room, Biology Lab Room, Chemistry Lab Room
	3 rd floor	:	06 Nos of Class Rooms
07	Height of the building	:	12.10 Mtrs.
08	Site area	:	1475.00 Sq Mtr
09	Built-up area of each floor:-		
	Ground floor	:	785.31 Sq Mtr
	1 st floor	:	785.31 Sq Mtr
	2 nd floor	:	785.31 Sq Mtr
	3 rd floor	:	392.65 Sq Mtr
10.	Total built-up area	:	2748.58 Sq. Mtr
11.	Surrounding properties:-		
	East	:	06.00 mtrs Abutting road.
	West	:	Open Land
	North	:	Residential Building
	South	:	Residential Area
12.	<u>Set-back area available around the building :-</u>		
	East	:	05.00 Mtrs.
	West	:	04.00 Mtrs.
	North	:	01.00 Mtrs.
	South	:	02.00 Mtrs
	Allowed setbacks (open space) should be maintained free from further obstruction / construction		

Note : Recommended to provide and maintain setbacks as per Local ZR.

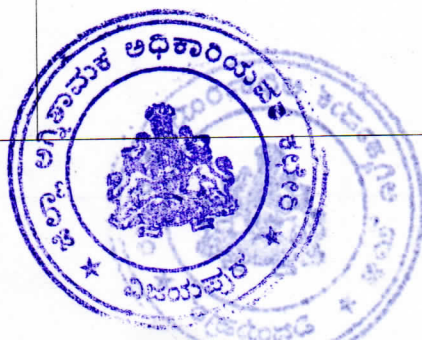


B. On inspection of this School/College Premises, the following fire prevention, fire fighting and evacuation measures recommended are considered absolutely essential from fire safety point of view :

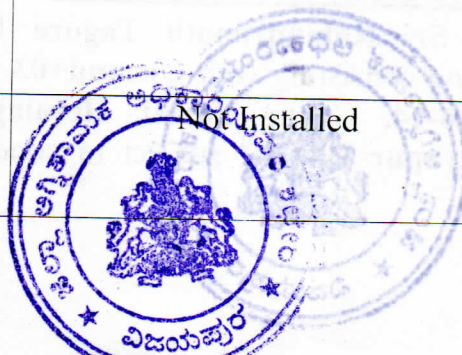
SN (1)	Details (02)	Existing (03)	Recommendations (04)
01.	Accessibility to the premises	The premise is abutting by 06.00 mtrs. Wide hard surfaced road located on Eastern side.	Adequate
02.	No. of entrances	01 Entrance .	Recommended to provide at least 1 entry & 1 exit.
03.	Width of entry / exit	Entrance of 06.00 mtrs wide.	Minimum 06.00 mtrs. width with height clearance of minimum 05.00 mtrs. from ground level.
04.	Diesel generators.	---	Recommended to provide at least Diesel Generator of 15 KVA capacity.
05.	No. of staircases available	Nos. of staircases : 01	Recommended to provide staircases maintaining travel distance with 22.50 mtrs. with minimum 02.00 mtrs. width, 30 mm treads width, 15 mm treads height, 1 mtr. Handrail, with minimum 02.20 head room clearance.
		Width of staircases : 1.30 mt	
		Width of treads : 28 cm	
		Height of risers : 15 cm	
		Nos. of riser per flight : 12	
		Height of handrails : 01.00 mt	
		Head room clearance : 02.60 mt	
06.	No. lifts and capacity.	Nos. of lifts : --	N/A
		Capacity of lifts : --	
07.	Portable extinguisher	---	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



			<p>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> <p>D. One ABC type fire extinguisher of 06 kgs capacity should be located as to be available within 15 mtrs. radius.</p>
08.	First aid Hose reel hose.	---	<p>One Hose Reel Hose near the staircase (One hose reel hose system for every 1000 Sq. Mtrs.). 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 of each building/block/wing/ tower.</p>
09.	Automatic sprinkler system.	---	<p>Automatic sprinkler system Required to be installed in basement as the Area basement exceeded 200 sq.mtrs</p>
10.	Terrace tank over respective tower terrace.	---	<p>Terrace tank required 10,000 ltrs. Capacity (Additional 5000 ltrs required as the Area basement exceeded 200 sq.mtrs (The water tank should be kept exclusively fire fight purpose)</p>

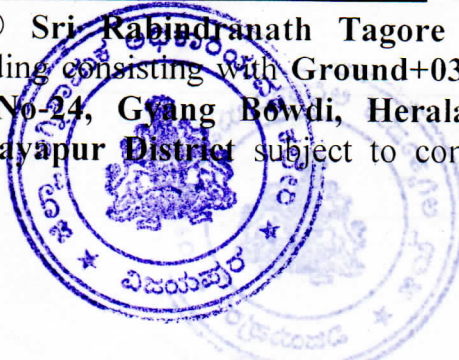


11.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	---	Recommended to provide booster pump of 450 lpm capacity or of 5 HP Capacity. Further the system should be connected to an alternative source of power supply.
12.	Escape routes	---	Recommended to Provide Direction in which the employees/ Students should have to move in the event of any emergency have been marked with luminous paint at each floor directing the employees towards emergency exits.
13.	Fire order	---	Fire safety plans has to be indicated with details of actions to be taken in case of an emergency near staircase landings at each floor with telephone numbers of Vijayapur Fire Station i.e., 08352-270160, 112 & 101 telephone numbers of the nearest Ambulance service & Police Station.
14.	No smoking board	---	COPTA 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.
15.	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.
16.	Nominate one Fire Nodal Officer	-	A Fire Nodal officer shall be nominated either from teacher non teaching staff
17.	Fire fighting training	---	At-least 40% of teaching or non teaching Should be got trained in basic fire fighting at R.A.Mundkur fire & Emergency Services Academy, Bannerughatta road, Bangalore or Regional training centre within 3 months or at an early date. And shall be submitted to this office.
18.	Fire precautionary measures:- <ol style="list-style-type: none"> Explosive and flammable materials should not be stored in the store room, UPS room, Electrical panel area, class rooms, laboratory & electrical sum panel premises. Accumulation of combustible waste in and around the premises should be avoided. The exit ways shall be always kept clear without any obstruction. Liquefied petroleum gas should not be stored in the building. The doors shall not be kept locked/latched during working hours and shall be free from obstruction. During the class hours the class room doors shall not be locked from inside to outside. 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. 		

Under the above circumstance the Karnataka Fire And Emergency Service Department is issuing **Fire Safety Recommendation** to **Chatrapati Shivaji Maharaj Education Society ® Sri Rabindranath Tagore Primary and High School** Vijayapur District building consisting with **Ground+03 Upper floor** only situated at Sy. no. 872/E Plot No-24, Gyang Bowdi, Heralagi Layout Vijayapur City, Vijayapur Taluk, Vijayapur District subject to condition and compliance of the



above recommendations in column 4 of serial B within 03 months compliance to the undersigned.

♣All requirements recommended above are as per National Building Code-2016 Part-4 clause 3.1.4 of Fire and Life safety will have to be complied with mandatorily.

From the above details it is clear that the '**Management**' of the above Educational building have been recommended to provide fire precautionary measures as per **National Building Code 2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings Sub division B1 & B2**. After full-filling the above recommendations, a Certificate should be obtained by this office. *If at any time any of the conditions are found not complied with, this Certificate shall stand withdrawn/cancelled.*

The **Fire Safety Recommendation** is valid for a period of one year from the date of issue and it is renewable.

Copy to: Fire Station Officer, Vijayapur.



Yours faithfully,

[Signature]
DISTRICT FIRE OFFICER
VIJAYAPUR 586102