



Karnataka Fire and Emergency Services Department
Office of the Regional fire officer,
Bangalore west Range, Rajajinagar fire station premises,
Rajajinagar Industrial Town, Bangalore – 560 010
Ph No.080 – 22971578



No.16/FSR/RFO/BWR/2022.

11-03-2022.

To,

The Authorized Signatory,
M/s.Shridevi institute of Engineering and Technology,
Sri Shidevi Charitable Trust (R),
Sy.No.32, Sira Road,
Tumkur 572 106.

Sir,

Sub : Issue of 'Fire safety Recommendation' to M/s. Shridevi Institute of Engineering and Technology Situated at Sy.No.32 , Sira Road, Tumkur.

Ref: Your letter Dated 08-02-2022.

* * * * *

With reference to the subject above cited, I have inspected the premises of M/s.Shridevi institute of Engineering and Technology situated at Sy. No. 32, Khata No. 1954/3, Sira Road, Tumkur Taluk & District on 10-02-2022 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 Authorized Signatory, M/s.Shridevi institute of Engineering and Technology. Sri Shidevi Charitable Trust (R), Sy.No.32, Sira Road, Tumkur 572 106.
02.	Name and Address of the premises.	:	M/s.Shridevi institute of Engineering and Technology. Sri Shidevi Charitable Trust (R), Sy.No.32, Sira Road, Tumkur 572 106.



04.	Number of floors	:	Ground & 3 upper floors.
05.	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	Principal room, office room, Accounts and Audit rooms, 05 Labs, 09 Class rooms, board room, Extension bank Counter, Pántry, 21 Laboratory, office room and Reception.
	1 st floor	:	02 HOD rooms, 11 Staff room, 06 Labs, 13 Class rooms, strong room and computer centre.
	2 nd floor	:	02 HOD room, 02 Staff rooms, Principal room, office room, class rooms 15, laboratory 27, 05 Labs, PRO staff room, Placement selection room, library and common room
	3 rd floor	:	03 HOD rooms, 13 class rooms, staff rooms 05, laboratory 4, 05 Labs, computer lab & seminar hall.
06.	Height of the building	:	14.80 Mtrs.
07.	Site area	:	5080.42 Sq. mtrs.
08.	<u>Built-up area of each floor:-</u>		
	Ground floor	:	2954.00 Sq. Mtrs.
	1 st floor	:	2954.00 Sq. Mtrs.
	2 nd floor	:	2954.00 Sq. Mtrs.
	3 rd floor	:	2954.00 Sq. Mtrs.
09.	Total built-up area	:	11816.00 Sq. Mtrs.
10.	<u>Surrounding properties:-</u>		
	East	:	30 feet wide road.
	West	:	Campus open ground.
	North	:	Campus open ground.
	South	:	Campus open ground.



	South	:	Campus open ground.
11.	<u>Open space all around the building:-</u>		
	East	:	55.00 mtrs.
	West	:	02.00 mtrs.
	North	:	20.00 mtrs.
	South	:	20.00 mtrs.
Allowed setbacks (open space) should be maintained free from further obstruction / construction for easy movement of emergency vehicles.			

B. On inspection of this Building 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)
1.	Accessibility to the Premises	The premises is accessible from 12.00 mtrs wide campus road located on Southern side.		Adequate
2.	Number of entrances	One entry of 06.00 mtrs width and another one of 04.00 mtrs width has been provided.		Complied
3.	Diesel generator	Not provided.		A Diesel Generator of 15 KVA Capacity should be provided to supply alternative power supply to all emergency provision in building.
4.	Number of staircase	Nos. of staircases	: 03	Complied
		Width of staircases	: 01.60 mtrs	
		Width of treads	: 30 Cms	
		Height of risers	: 15 Cms	
		Nos. of riser per flight	: 11 No'	
		Height of handrails	: 01.10 Mtrs	



		Head room clearance	:	03.30 mtrs.	
5.	Portable extinguishers	Not provided.			<p>Following fire extinguishers should be provided.</p> <p>A. One water mist extinguisher of 9 ltrs capacity or ABC type extinguisher of 6Kgs capacity should kept near each staircase landing.</p> <p>B. One ABC type fire extinguisher of 06 kgs capacity should be provided for every 100 Sq Mtrs should be provided.</p> <p>C. One mechanical foam extinguisher of 9 ltrs capacity & 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 & electrical room.</p>
6.	Hose reel hose system	Not provided			<p>03 Hose Reel Hoses near each staircase 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.</p>



7.	Terrace tank over respective tower terrace.	Not provided	Hose reel hose system should be connected to an over head tank of 5,000 ltrs capacity.
8.	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.
9.	Escape routes	Not Provided.	Direction in which the students have to move in the event of an emergency should be displayed in the corridor on each floor during evacuation.
10.	Fire order (Fire safety plans)	Not Provided.	A notice board indicating the details of actions to be taken in case of emergency should be displayed near each staircase landings with the telephone numbers of our Tumkur Fire Station 0816-2283101 or 101 or 112, and telephone numbers of nearest Ambulance Service.
11.	Fire siren	Not Provided.	A fire siren shall be installed in the premises to inform the inmates in the case of a fire emergency and evacuate the area.
12.	No smoking board	Not Provided.	COIPA Sec-4 direction No smoking area. Smoking is an offence board should be written in English and kannada both language shall be prominently displayed at inside the entry/exit of each floor.
13.	Nominate one fire Nodal officer	The school authority has been nominated Mr.Manthesh has a fire nodal officer.	Complied.



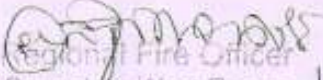
14.	Fire fighting training	05 Member staffs are trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore	Complied.
15.	<p><u>Fire precautionary measures :-</u></p> <p>A. Explosive and flammable materials should not be stored in the store room, 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 to out side.</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 Department is issuing '**Fire Safety Recommendation**' to *M/s. Shridevi institute of Engineering and Technology* situated at Sy.No.32, Sira Road, Tumkur 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 issued for a period of only one year from the date of issue and 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


Regional Fire Officer
Bangalore West Range 11/3/2022
Bangalore West Range - 560 044