

No.61/FSR/DFO/TMK/2024

To,

The Authorized Signatory,
M/S Shridevi Institute of Engineering & Technology College,
Sira Road,
Tumakuru-572106

Sir,

Sub : Issue of 'Fire safety Recommendation' to M/S Shridevi Institute of Engineering & Technology College, Sira Road, Tumakuru-572106.

Ref: Your letter Dated 22-03-2024.

* * * * *

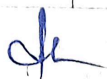
With reference to the subject above cited, the premises of M/S Shridevi Institute of Engineering & Technology College, Sira Road, Tumakuru-572106. was inspected by Fire Station Officer, Tumkur Fire Station on 10-04-2024 with respect to Fire prevention, Fire fighting and Evacuation measures to be complied 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 :-

1.	Name and Address of the Applicant.	:	M/S Sri Shridevi Charitable Trust(R), N.H-04, Sira Road, Tumkuru-572106
2.	Name and Address of the premises.	:	M/S Shridevi Institute of Engineering & Technology College, Sira Road, Tumkur-572106
3.	Name and address of the Building owner	:	M/S Sri Shridevi Charitable Trust(R), N.H-04, Sira Road, Tumkur-572106
4.	Number of buildings	:	One Building only.
5.	Number of floors	:	Ground Floor +1 st Floor+2 nd Floor +3 rd Floor Only .



6.	<u>Floor-wise details of occupancy:-</u>		
	Ground floor	:	Principal room-01 no, Office room-01 no, Admonition room-02 nos, Lab-05 nos, Class rooms-09 nos. Toilet- 02 nos.
	1 st floor	:	HOD room-02 nos, Staff rooms-04 nos, Lab-06 nos, Class rooms-08 nos, Toilet- 02 nos.
	2 nd floor	:	HOD room-02 nos, Staff rooms-02 nos, Lab-05 nos, Class rooms-07 nos, Placement Selection room-01 no, Library-01 no, Toilet- 02 nos.
	3 rd floor	:	HOD room-03 nos, Staff rooms-03 nos, Lab-05 nos, Class rooms-07 nos, Toilet- 02 nos.
7.	Height of the building	:	14.30 Mtrs
8.	Site area	:	5080.42 Sq. Mtrs.
9.	Built-up area of each floor:-		
	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.
10.	Total built-up area	:	11816.00 Sq. Mtrs.
11.	Surrounding properties:-		
	East (Front)	:	30 feet wide road.
	West(Rear)	:	Campus Open Ground.
	North (Side)	:	Campus Open Ground.
	South (Side)	:	Campus Open Ground.
	<u>Set-back area available around the building :-</u>		
	East (Front)	:	55.00 Mtrs up to 30 feet wide road
	West(Rear)	:	02.00 Mtrs up to open Ground.
	North (Side)	:	20.00 Mtrs up to open Ground.
	South (Side)	:	20.00 Mtrs up to open Ground.

B. On inspection of this Educational 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)
1.	Accessibility to the premises	The premises is accessible from 30 feet wide Internal Road, It Connected to N.H.04 Road. It Hard enough to Carry a Fire Tender.	Adequate
2.	No. of entrances & Exits	02 Entrance 01 Exit	Complied
3.	Width of entry / exit	1. Width of Main Entry-02.20 mtrs. & other width 02.20 mtrs 2. Exit -02.20 Mtrs.	Adequate

4.	Diesel Generators.	Provided 01 nos Generator of 250 KVA Capacity.		Complied
5.	No. of staircases available	Nos. of staircases	: 03 nos	Complied
		Width of staircases	: 01.60 mtrs	
		Width of treads	: 0.30 mtrs	
		Height of risers	: 0.20 mtrs	
		Nos. of riser per flight	: 11 nos	
		Height of handrails	: 01.10 mtrs	
		Head room clearance	: 03.30 mtrs	
6.	No. lifts and capacity.	Nos. of lifts	: Nil	Nil
		Capacity of lifts	: Nil	
7.	Fire extinguisher. Ground Floor	09 nos of ABC Stored Pressure Type Fire Extinguisher of 05 kg capacity have been Provided.		<p>A. One water mist extinguisher of 9 ltrs capacity should kept near each staircase landing.</p> <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> <p>D. One ABC type fire extinguisher of 06 kgs capacity should be provided for every 100 should be provided.</p>
	1 st Floor	04 no of ABC Stored Pressure Type Fire Extinguisher of 05 kg capacity & 01 no Water Type Fire Extinguisher of 09 ltrs capacity have been Provided.		
	2 nd Floor	04 nos of ABC Stored Pressure Type Fire Extinguisher of 05 kg capacity have been Provided.		
	3 rd Floor	03 nos of ABC Stored Pressure Type Fire Extinguisher of 05 kg capacity & 03 nos Water Type Fire Extinguisher of 09 ltrs capacity have been Provided.		

8.	First aid Hose reel hose.	Not provided	Not complied. Hose reel hose system of 19 mm dia and having a length of 30.00 Mtrs length should be installed each blocks by tapping them to a vertical pipe of 80 mm internal dia near the landing outlets at ground floor. The hose reel system should be connected to an overhead tank of 5,000 Ltrs capacity with a pump capable of delivering 450 liters of water per minute.
9.	Terrace tank over respective tower terrace.	Not provided	The system should be connected to an over head tank of 5,000 ltrs capacity.
10.	At the terrace tank level with minimum pressure of 3.5 kg/cm ² .	Not provided	The system should be connected to an booster pump of 450 LPM. Further the system should be connected to an alternative source of power supply.
11.	Escape routes	Escape route have been marked with luminous light/paint at each floor directing towards exists and emergency exists.	Complied.
12.	No Smoking Board	COPTA Sec-4 Direction <u>No Smoking area, Smoking here is an offence</u> board should be written in English & Kannada both language have been prominently displayed Building.	Complied.
13.	Fire siren	Not Provided.	Not Complied. A fire siren shall be installed in the premises to inform the inmates in the case of a fire emergency and evacuate the area.



14.	Fire order	Fire safety indicating the details of actions to be taken in case of emergency have been displayed near each staircase landings with the telephone numbers of our Tumkur Fire Station 0816-2283101, and telephone numbers of nearest Ambulance Service.	Complied.
15.	Fire fighting training	05 staffs got trained in basic fire fighting at R.A. Mundkur Fire and Emergency Services Academy, Bannerughatta road, Bangalore	Complied
14.	<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 & Technology Collage, Sira Road, Tumakuru-572106** 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.

Yours faithfully

 District Fire Officer
 Karnataka Fire & Emergency Service
 Tumakuru-572 103