

**GOVERNMENT OF ANDHRA PRADESH**  
**STATE DISASTER RESPONSE AND FIRE SERVICES DEPARTMENT**

From :  
Sri D.Murali Mohan, MBA (SM).,  
PG. Dip in Fire and Safety.,  
Adv. Dip in Fire Engg(NFSC).,  
Search & Rescue Training (Hyogo-Japan)  
Regional Fire Officer,  
Southern Region, A.P., Vijayawada.

To:  
The Chairman,  
AICTE, Nelson Mandela Marg,  
New Delhi.

Rc.No.87/RFO/SR/2019, Dt: 04.02.2019.

Sir,

Sub : A.P.State Disaster Response and Fire Services Department-Southern Region-Chittoor District-Issue of No Objection Certificate for Occupancy to the Non-Multi Storeyed Building of Madanapalli Institute of Technology and Science, at Angallu Village, Madanapalli, Chittoor District –Regarding.

Ref : 1. Circular Memorandum Rc.No.3350/Audit/NOC/2012, Dt:09.03.2017 of Director General, State Disaster Response and Fire Services, A.P., Vijayawada.  
2. Application of Madanapalli Institute of Technology and Science, at Angallu Village, Madanapalli, Chittoor District.  
3. Inspection committee report Rc.No.193/DFO/CTR/2019, Dt: 19.01.2019.

\*\*\*\*\*

With reference to the above 4<sup>th</sup> cited, the inspection committee of Chittoor District has inspected and scrutinized the plans of Non-Multi Storeyed Building of Madanapalli Institute of Technology and Science, at Angallu Village, Madanapalli, Chittoor District on 10.01.2019 and submitted the following report.

2. The builder constructed the Educational Building of Madanapalli Institute of Technology and Science, at Angallu Village, Madanapalli, Chittoor District (Educational – Group – B2).

**3) South Block:**

(i) Particulars of the Building:

1)	Address of the Building	:	Madanapalli Institute of Technology and Science, at Angallu Village, Madanapalli, Chittoor District.
2)	Area of Plot/Ht.of Building	:	27.67 acres/14 Mtrs.
3)	No. of Blocks/Floors	:	01 Block/Ground + 03 Upper Floors only.
4)	Type of Occupancy	:	Educational – Group – B2.

ii) The Builder has provided the following open spaces all around the building.

Direction	Open Spaces Required as Per Go.Ms.No.168	Open Space Provided	Deficit
North	06.00 Mtrs	06.00 Mtrs	Nil
East	06.00 Mtrs	Nil	Connected to East Block
South	06.00 Mtrs	06.00 Mtrs	Nil
West	06.00 Mtrs	Nil	Connected to West Block in south-west corner

iii) Floor area Particulars:

S.No	Floor	Area in Sq. Meters	Type Occupancy	No of occupants declared by the management
1.	Ground	2459.56 Sq.Mts	Educational	300
2.	Mezzanine-1	184 Sq.Mts	Educational	30
3.	Mezzanine-2	184 Sq.Mts.	Educational	30
4.	1 <sup>st</sup> floor	1775.75 Sq.Mts	Educational	150
5.	2 <sup>nd</sup> floor	1775.75 Sq.Mts	Educational	150
6.	3 <sup>rd</sup> floor	1775.75 Sq.Mts	Educational	150
	Total	8154.81 Sq.mts	--	810

iv) Means of Escape provided by the management as per Table 4, Part-IV of NBC-2016.

S. No	Details of Staircases	Required		provided		Deficit
		Nos.	Width	Nos.	Width	
1.	Internal Staircase	1 No.	1.50 Mtrs	01 No	2.20 Mtrs	Nil
2.	Internal Staircase for Mezzanine-1 Auditorium	1 No.	1.50 Mtrs	02 No	1.27 + 1.27 = 2.54 Mtrs	Nil
3.	Internal Staircase for Mezzanine-2 Library	1 No.	1.50 Mtrs	02 No	1.06 + 1.06 = 2.12 Mts.	Nil
4.	External Staircase	1 No	1.25 Mtrs	Nil	Nil	Connected to East and west blocks except third floor
Total		04 Nos	4.75 Mtrs	05 No	06.86Mtrs	Nil

Note: The Corridors of South & East Blocks connected in 1<sup>st</sup> floor only. In west side corridors connected 1<sup>st</sup> & 2<sup>nd</sup> floors. We request the management to connect the corridors of remaining floors of South block with East and West blocks.

v) The details of occupant Load per unit Exit width in all floors is furnished as below:

Sl. No.	Floor	Built-up area in Sq. Mtrs	Type of Occupancy details	No of occupants declared by the management	Means of escape required as per Table 4 of NBC	Provided	Deficit
1.	Ground	2459.56 Sq.Mts	Educational	300	Required No. of Doors	Sufficient No. of doors	Nil
1.	Mezzanine-1 Auditorium	184 Sq.Mts	Educational	30	0.30 Mts.	2.54 Mts.	Nil
2.	Mezzanine-2- Library	184 Sq.Mts.	Educational	30	0.30 Mts.	2.12 Mts.	Nil
3.	1 <sup>st</sup> floor	1775.75 Sq.Mts	Educational	150	1.50 Mtrs	2.20Mtrs	Nil
4.	2 <sup>nd</sup> floor	1775.75 Sq.Mts	Educational	150	1.50 Mtrs	2.20Mtrs	Nil
5.	3 <sup>rd</sup> floor	1775.75 Sq.Mts	Educational	150	1.50 Mtrs	2.20Mtrs	Nil
Total		8154.81 Sq.mts	-	810	-	2.20 Mtrs	Nil

vi) The management provided the following fire fighting systems as per Table 7 of National Building Code of India - 2016.

S. No	Item	Required	Provided	Deficit
1.	Fire Extinguishers as per IS:2190.	82 Nos	82 Nos	Nil
2.	Hose Reel	16 Nos	16 Nos	Nil
3.	Terrace Tank	10,000 Ltrs	10,000 Ltrs	Nil
4.	Booster pump 450 LPM	01	01	Nil

vii) The details of Floor wise fire fighting systems are provided by the management.

S. No	Floor	Fire extinguishers	Hose Reel	Terrace Tank	Booster Pump
1.	Ground Floor	24	05	--	--
2.	Mezzanine -1	02	01		
3.	Mezzanine -2	02	01		
4.	1 <sup>st</sup> Floor	18	03	--	--
5.	2 <sup>nd</sup> Floor	18	03		
6.	3 <sup>rd</sup> Floor	18	03	10,000 Lts	450 LPM
Total		82	16	10,000 Lts	450 LPM

Contd...3p.

