

INWARD NO: 03  
DATE: 13-01-2022

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

**From :**  
The Director General,  
State Disaster Response and Fire Services,  
Andhra Pradesh, Vijayawada.

**To :**  
The Commissioner,  
Capital Region Development Authority,  
Vijayawada, Andhra Pradesh.

**Rc.No.17426/MSB/ER/KRI/2021, Dated: 07.01.2022**

Sir,

Sub: A.P State Disaster Response & Fire Services Department –MSB Section –  
Applied for Issuance of No Objection Certificate for Occupancy to the existing  
Building M/s. Velagapudi Ramakrishna Siddhartha Engineering College,  
R.S.No.281,282,283,286,288,289,246,247,251 & 284, Kanuru (V), Penamaluru  
(M), Krishna District -Reg.

- Ref:
1. Online Occupancy NOC Rc.3468/KRI/RFO/2018, Dated.29-11-2018 of  
Regional Fire Officer, Eastern Region, Vijayawada.
  2. Conditional NOC Rc.No. 17426/M/KRI/MSB/2021, Dated.07-06-2021 of  
Director General, State Disaster Response & Fire Services, A.P.,  
Vijayawada.
  3. Application of M/s. Velagapudi Ramakrishna Siddhartha Engineering  
College, R.S.No.281,282,283,286,288,289,246,247,251 & 284, Kanuru (V),  
Penamaluru (M), Krishna District.

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It is submitted that, the Management of M/s. Velagapudi Ramakrishna Siddhartha  
Engineering College, R.S.No.281,282,283,286,288,289,246,247,251 & 284, Kanuru (V),  
Penamaluru (M), Krishna District applied for issuance of NOC for Occupancy vide reference  
3<sup>rd</sup> cited.

2) The Management has obtained Conditional NOC from this Department vide reference  
2<sup>nd</sup> cited.

3) Based on the Self Certificate form of the Management, M/s. Velagapudi Ramakrishna  
Siddhartha Engineering College, R.S.No.281,282,283,286,288,289,246,247,251 & 284,  
Kanuru (V), Penamaluru (M), Krishna District and Online Inspection report submitted by  
officers of this Department on 20-04-2021 along with this office online Conditional NOC  
Rc.No. 17426/M/KRI/MSB/2021, Dated.07-06-2021, the building details are shown below.

4) The builder has constructed the Building (07) Blocks for Educational Occupancy and  
now applied for No Objection Certificate for Occupancy.

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**NEW BLOCK**

i) The builder has constructed a Multi Storied Building with Ground + (04) Upper Floors with a height of 18.75 Mtrs for Educational Occupancy (Category – B2) in a total plot area of 16187.4 sq. meters.

ii) The builder has proposed to provide following means of escape.

S1	Details of Staircases	Required in Meters	provided in Meters	Deficit
1	Internal Staircases	Min 1 No. - 1.50 Meters	3 Nos. - 1.50 Meters Each + 1.64	-Nil-
2	External Staircases	Min 1 No. - 1.50 Meters	1 No. - 1.64 Meters	-Nil-
Total		3.00	7.78 Meters	-Nil-

iii) The builder has proposed to provide Occupant Load as per unit Exit width:

S1	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	Aggregate width of Staircases/ Doors Required (Meters)	Aggregate width of Staircases/ Doors Proposed (Meters)	Deficit
1	Ground	5989.29	Educational-Engineering and Technology	479	4.79	6	-Nil-
2	1 <sup>st</sup> floor	5989.29	Educational-Engineering and Technology	479	4.79	7.78	-Nil-
3	2 <sup>nd</sup> floor	5989.29	Educational-Engineering and Technology	479	4.79	7.78	-Nil-
4	3 <sup>rd</sup> Floor	5989.29	Educational-Engineering and Technology	479	4.79	7.78	-Nil-
5	4 <sup>th</sup> floor	5989.29	Educational-Engineering and Technology	479	4.79	7.78	-Nil-
Total		29946.45					

iv) It is submitted that as per instructions of kind Director General, State Disaster Response and Fire Services, A.P., Vijayawada vide this Office Rc.No.5708/MSB/2021, Dated: 16-11-2021 on Fire Fighting system, the following Fire safety Equipment suggested to the management for installation instead of conventional system keeping in view of practicality, maintenance and resilience.

Sl.No	Fire Fighting Equipment	Prescribed	Provided	Deficit
1	Fire Extinguishers	ABC type	300 Nos.	Nil
2	Underground parking /Cellar / Basement	Temperature Sensors connected "Hooter" and that can give alerts through cell phone	Not applicable	Nil
3	Manual Call point	One number per floor	21 Nos.	Nil
4	Under Ground Static Water Tank (or) Terrace Water Tank	5,000 Ltrs (minimum)	25,000 Ltrs. at Terrace Tank	Nil
5	2 HP (Pump + Electrical Motors connected) @ one per floor connected to normal plumbing system instead of down comer/special pipes.	One per each floor (Total 5 floors)	02 Nos.	03 Nos.
6	5 HP (Mobile Pump + Petrol Engine on wheels by connecting at Static Water Tank sump)	04 Nos.	required	04 Nos.

**S & H-I**

i) The builder has constructed a Multi Storied Building with Ground + (02) Upper Floors with a height of 12.78 Mtrs for Educational Occupancy (Category – B2) in a total plot area of 16187.4 sq. meters.

ii) The builder has proposed to provide following means of escape.

Sl	Details of Staircases	Required in Meters	provided in Meters	Deficit
1	Internal Staircases	Min 1 No. - 1.50 Meters	1 No. - 1.50 Meters	-Nil-
2	External Staircases	Min 1 No. - 1.50 Meters	1 No. - 1.50 Meters	-Nil-
Total		3.00	3.00 Meters	-Nil-

iii) The builder has proposed to provide Occupant Load as per unit Exit width:

Sl	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	Aggregate width of Staircases/ Doors Required (Meters)	Aggregate width of Staircases/ Doors Proposed (Meters)	Deficit
1	Ground	831.34	Educational-Engineering and Technology	66	0.66	1.5	-Nil-
2	1 <sup>st</sup> floor	906.16	Educational-Engineering and Technology	72	0.72	3	-Nil-
3	2 <sup>nd</sup> floor	906.16	Educational-Engineering and Technology	72	0.72	3	-Nil-
Total		2643.66					

iv) It is submitted that as per instructions of kind Director General, State Disaster Response and Fire Services, A.P., Vijayawada vide this Office Rc.No.5708/MSB/2021, Dated: 16-11-2021 on Fire Fighting system, the following Fire safety Equipment suggested to the management for installation instead of conventional system keeping in view of practicality, maintenance and resilience.

Sl.No	Fire Fighting Equipment	Prescribed	Provided	Deficit
1	Fire Extinguishers	ABC type	12 Nos.	Nil
2	Underground parking /Cellar / Basement	Temperature Sensors connected "Hooter" and that can give alerts through cell. phone	Not applicable	Nil
3	Manual Call point	One number per floor	Nil	03 Nos.
4	Under Ground Static Water Tank (or) Terrace Water Tank	5,000 Ltrs (minimum)	10,000 Ltrs. at Terrace Tank	Nil
5	2 HP (Pump + Electrical Motors connected) @ one per floor connected to normal plumbing system instead of down comer/special pipes.	One per each floor (Total 3 floors)	Nil	03 Nos.
6	5 HP (Mobile Pump + Petrol Engine on wheels by connecting at Static Water Tank sump)	02 Nos.	required	02 Nos.

**ADMINISTRATIVE**

i) The builder has constructed a Multi Storied Building with Ground + (02) Upper Floors with a height of 12.00 Mtrs for Educational Occupancy (Category – B2) in a total plot area of 16187.4 sq. meters.

ii) The builder has proposed to provide following means of escape.

Sl	Details of Staircases	Required in Meters	provided in Meters	Deficit
1	Internal Staircases	Min 1 No. - 1.50 Meters	1 No. - 1.94 Meters	-Nil-
2	External Staircases	Min 1 No. - 1.50 Meters	1 No. - 1.50 Meters	-Nil-
Total		3.00	3.44 Meters	-Nil-

iii) The builder has proposed to provide Occupant Load as per unit Exit width:

Sl	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	Aggregate width of Staircases/ Doors Required (Meters)	Aggregate width of Staircases/ Doors Proposed (Meters)	Deficit
1	Ground	805.58	Educational-Engineering and Technology	64	0.64	2	-Nil-
2	1 <sup>st</sup> floor	805.58	Educational-Engineering and Technology	64	0.64	3.44	-Nil-
3	2 <sup>nd</sup> floor	805.58	Educational-Engineering and Technology	64	0.64	3.44	-Nil-
	Total	2416.74					

iv) It is submitted that as per instructions of kind Director General, State Disaster Response and Fire Services, A.P., Vijayawada vide this Office Rc.No.5708/MSB/2021, Dated: 16-11-2021 on Fire Fighting system, the following Fire safety Equipment suggested to the management for installation instead of conventional system keeping in view of practicality, maintenance and resilience.

Sl.No	Fire Fighting Equipment	Prescribed	Provided	Deficit
1	Fire Extinguishers	ABC type	21 Nos.	Nil
2	Underground parking /Cellar / Basement	Temperature Sensors connected "Hooter" and that can give alerts through cell phone	Not applicable	Nil
3	Manual Call point	One number per floor	Nil	03 Nos.
4	Under Ground Static Water Tank (or) Terrace Water Tank	5,000 Ltrs (minimum)	10,000 Ltrs. at Terrace Tank	Nil
5	2 HP (Pump + Electrical Motors connected) @ one per floor connected to normal plumbing system instead of down comer/special pipes.	One per each floor (Total 3 floors)	Nil	03 Nos.
6	5 HP (Mobile Pump + Petrol Engine on wheels by connecting at Static Water Tank sump)	02 Nos.	required	02 Nos.

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**CIVIL**

i) The builder has constructed a Multi Storied Building with Ground + (01) Upper Floor with a height of 08.40 Mtrs for Educational Occupancy (Category – B2) in a total plot area of 16187.4 sq. meters.

ii) The builder has proposed to provide following means of escape.

SI	Details of Staircases	Required in Meters	provided in Meters	Deficit
1	Internal Staircases	Min 1 No. - 1.50	1 No. - 1.50	-Nil-
2	External Staircases	Min 1 No. - 1.50	1 No. - 1.50	-Nil-
Total		3.00	3.00 Meters	-Nil-

iii) The builder has proposed to provide Occupant Load as per unit Exit width:

SI	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	Aggregate width of Staircases/ Doors Required (Meters)	Aggregate width of Staircases/ Doors Proposed (Meters)	Deficit
1	Ground	1916	Educational-Engineering and Technology	153	1.53	2	-Nil-
2	1 <sup>st</sup> floor	1037	Educational-Engineering and Technology	82	0.82	3	-Nil-
Total		2953					

iv) It is submitted that as per instructions of kind Director General, State Disaster Response and Fire Services, A.P., Vijayawada vide this Office Rc.No.5708/MSB/2021, Dated: 16-11-2021 on Fire Fighting system, the following Fire safety Equipment suggested to the management for installation instead of conventional system keeping in view of practicality, maintenance and resilience.

Sl.No	Fire Fighting Equipment	Prescribed	Provided	Deficit
1	Fire Extinguishers	ABC type	23 Nos.	Nil
2	Underground parking /Cellar / Basement	Temperature Sensors connected "Hooter" and that can give alerts through cell phone	Not applicable	Nil
3	Manual Call point	One number per floor	Nil	03 Nos.
4	Under Ground Static Water Tank (or) Terrace Water Tank	5,000 Ltrs (minimum)	Nil	5,000 Ltrs
5	2 HP (Pump + Electrical Motors connected) @ one per floor connected to normal plumbing system instead of down comer/ special pipes.	One per each floor (Total 3 floors)	Nil	03 Nos.
6	5 HP (Mobile Pump + Petrol Engine on wheels by connecting at Static Water Tank sump)	02 Nos.	required	02 Nos.

**S&H-II**

i) The builder has constructed a Multi Storied Building with Ground + (02) Upper Floor with a height of 12.51 Mtrs for Educational Occupancy (Category – B2) in a total plot area of 16187.4 sq. meters.

ii) The builder has proposed to provide following means of escape.

Sl	Details of Staircases	Required in Meters	provided in Meters	Deficit
1	Internal Staircases	Min 1 No. - 1.50	1 No. - 1.75	-Nil-
2	External Staircases	Min 1 No. - 1.50	1 No. - 1.50	-Nil-
Total		3.00	3.25 Meters	-Nil-

iii) The builder has proposed to provide Occupant Load as per unit Exit width:

Sl	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	Aggregate width of Staircases/ Doors Required (Meters)	Aggregate width of Staircases/ Doors Proposed (Meters)	Deficit
1	Ground	784.16	Educational-Engineering and Technology	62	0.62	2	-Nil-
2	1 <sup>st</sup> floor	784.16	Educational-Engineering and Technology	62	0.62	3.25	-Nil-
3	2 <sup>nd</sup> floor	784.16	Educational-Engineering and Technology	62	0.62	3.25	-Nil-
Total		2352.48		186			

iv) It is submitted that as per instructions of kind Director General, State Disaster Response and Fire Services, A.P., Vijayawada vide this Office Rc.No.5708/MSB/2021, Dated: 16-11-2021 on Fire Fighting system, the following Fire safety Equipment suggested to the management for installation instead of conventional system keeping in view of practicality, maintenance and resilience.

Sl.No	Fire Fighting Equipment	Prescribed	Provided	Deficit
1	Fire Extinguishers	ABC type	18 Nos.	Nil
2	Underground parking /Cellar / Basement	Temperature Sensors connected "Hooter" and that can give alerts through cell phone	Not applicable	Nil
3	Manual Call point	One number per floor	Nil	03 Nos.
4	Under Ground Static Water Tank (or) Terrace Water Tank	5,000 Ltrs (minimum)	10,000 Ltrs. at Terrace Tank	Nil
5	2 HP (Pump + Electrical Motors connected) @ one per floor connected to normal plumbing system instead of down comer/special pipes.	One per each floor (Total 3 floors)	Nil	03 Nos.
6	5 HP (Mobile Pump + Petrol Engine on wheels by connecting at Static Water Tank sump)	02 Nos.	required	02 Nos.



**Electrical and Electronics Engineering**

i) The builder has constructed a Multi Storied Building with Ground + (01) Upper Floor with a height of 8.56 Mtrs for Educational Occupancy (Category – B2) in a total plot area of 16187.4 sq. meters.

ii) The builder has proposed to provide following means of escape.

Sl	Details of Staircases	Required in Meters	provided in Meters	Deficit
1	Internal Staircases	Min 1 No. - 1.50	2 Nos. - 1.39 +1.82	-Nil-
2	External Staircases	Min 1 No. - 1.50	2 Nos. - 1.77 +1.60	-Nil-
Total		3.00	6.58 Meters	-Nil-

iii) The builder has proposed to provide Occupant Load as per unit Exit width:

Sl	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	Aggregate width of Staircases/ Doors Required (Meters)	Aggregate width of Staircases/ Doors Proposed (Meters)	Deficit
1	Ground	2363	Educational-Engineering and Technology	189	1.89	2	-Nil-
2	1 <sup>st</sup> floor	2363	Educational-Engineering and Technology	189	1.89	6.58	-Nil-
Total		4726		186			

iv) It is submitted that as per instructions of kind Director General, State Disaster Response and Fire Services, A.P., Vijayawada vide this Office Rc.No.5708/MSB/2021, Dated: 16-11-2021 on Fire Fighting system, the following Fire safety Equipment suggested to the management for installation instead of conventional system keeping in view of practicality, maintenance and resilience.

Sl.No	Fire Fighting Equipment	Prescribed	Provided	Deficit
1	Fire Extinguishers	ABC type	24 Nos.	Nil
2	Underground parking /Cellar / Basement	Temperature Sensors connected "Hooter" and that can give alerts through cell phone	Not applicable	Nil
3	Manual Call point	One number per floor	Nil	03 Nos.
4	Under Ground Static Water Tank (or) Terrace Water Tank	5,000 Ltrs (minimum)	Nil	5,000 Ltrs
5	2 HP (Pump + Electrical Motors connected) @ one per floor connected to normal plumbing system instead of down comer/special pipes.	One per each floor (Total 2 floors)	Nil	02 Nos.
6	5 HP (Mobile Pump + Petrol Engine on wheels by connecting at Static Water Tank sump)	02 Nos.	required	02 Nos.



**Mechanical Department**

i) The builder has constructed a Multi Storied Building with Ground + (02) Upper Floor with a height of 12 Mtrs for Educational Occupancy (Category – B2) in a total plot area of 16187.4 sq. meters.

ii) The builder has proposed to provide following means of escape.

Sl	Details of Staircases	Required in Meters	provided in Meters	Deficit
1	Internal Staircases	Min 1 No. - 1.50 Meters	2 No. - 1.98 Meters Each	-Nil-
2	External Staircases	Min 1 No. - 1.50 Meters	1 No. - 1.50 Meters Each	-Nil-
Total		3.00	5.46 Meters	-Nil-

iii) The builder has proposed to provide Occupant Load as per unit Exit width:

Sl	Floor	Built up area (Sq Mtrs)	Occupancy Type	No of Occupants as declared by the builder	Aggregate width of Staircases/ Doors Required (Meters)	Aggregate width of Staircases/ Doors Proposed (Meters)	Deficit
1	Ground	2767.93	Educational-Engineering and Technology	221	2.21	4	-Nil-
2	1 <sup>st</sup> floor	2767.93	Educational-Engineering and Technology	221	2.21	5.46	-Nil-
3	2 <sup>nd</sup> floor	1809.03	Educational-Engineering and Technology	144	1.44	3.96	-Nil-
Total		7344.89		586			

iv) It is submitted that as per instructions of kind Director General, State Disaster Response and Fire Services, A.P., Vijayawada vide this Office Rc.No.5708/MSB/2021, Dated: 16-11-2021 on Fire Fighting system, the following Fire safety Equipment suggested to the management for installation instead of conventional system keeping in view of practicality, maintenance and resilience.

Sl.No	Fire Fighting Equipment	Prescribed	Provided	Deficit
1	Fire Extinguishers	ABC type	78 Nos.	Nil
2	Underground parking /Cellar / Basement	Temperature Sensors connected “Hooter” and that can give alerts through cell phone	Not applicable	Nil
3	Manual Call point	One number per floor	Nil	03 Nos.
4	Under Ground Static Water Tank (or) Terrace Water Tank	5,000 Ltrs (minimum)	10,000 Ltrs. at Terrace Tank	Nil

Sl.No	Fire Fighting Equipment	Prescribed	Provided	Deficit
5	2 HP (Pump + Electrical Motors connected) @ one per floor connected to normal plumbing system instead of down comer/special pipes.	One per each floor (Total 3 floors)	Nil	03 Nos.
6	5 HP (Mobile Pump + Petrol Engine on wheels by connecting at Static Water Tank sump)	04 Nos.	required	04 Nos.

5) The Management has provided the following Electrical Safety system.

(i) Miniature Circuit Breakers, MCBs	:	Provided
(ii) No overloading of Power sockets	:	Yes
(iii) 10 years old wiring to be changed specially wherever A/c is there ?	:	Provided
(iv) LED Lights in closed Rooms, Corridors, Staircases connected to Inverter (Battery)	:	Provided
(v) Grounding/Earthing is provided	:	Provided
(vi) Lightening Conductor is provided	:	Provided
(vii) The above shall be certified by authorized Electrical Contractor /Supervisor.	:	Yes

6) The Management has provided the following LPG safety Measures:

LPG Cylinders shall be located outside the kitchen with proper ventilation and protection from Rain and Sunlight.	:	Yes
LPG Detectors with Alarms shall be provided.	:	Yes
There should be separation between Electrical Water Heaters, and LPG Cylinders.	:	Yes
Five Ways of putting up LPG Cylinder Fires (Pictorial / Cartoon) shall be displayed in the kitchen.	:	Yes
Co2 Fire Extinguishers (minimum 02 Nos.) of 4.5 KG each shall be provided in the kitchen.	:	Yes

7) It is the responsibility of the Management to ensure the above Fire Safety Measures and maintain them in good working condition in the above Building. The Management is responsible all risks involved in case of Fire Accidents.

8) In view of the above and taking into the consideration of larger public interest and in context of the COVID-19 Pandemic Crisis across the country due to an acute shortage of beds to the patients and also based on the inspection committee report, the No Objection Certificate for Occupancy is issued to the existing building belongs to M/s. Velagapudi Ramakrishna Siddhartha Engineering College, R.S.No.281, 282, 283, 286, 288, 289, 246, 247, 251 & 284, Kanuru (V), Penamaluru (M), Krishna District for a period of (05) years subject to the appropriate building permission from Municipal Corporation and the Fire safety systems mentioned above shall be provided within one year and report submit to this office.

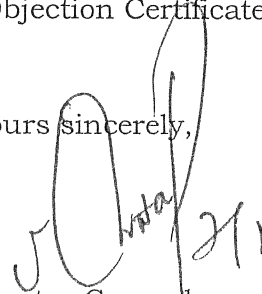
9) This No Objection Certificate is issued, subject to the outcome of O.As/W.Ps etc., if any, before Courts etc.,

10) It is informed that, the Management of M/s. Velagapudi Ramakrishna Siddhartha Engineering College, R.S.No.281, 282, 283, 286, 288, 289, 246, 247, 251 & 284, Kanuru (V), Penamaluru (M), Krishna District is requested to maintain the following conditions compulsorily for safety purpose.

Sl.No.	As Builder	As occupant	As Security Personnel
1	All the fire protection arrangements shall be maintained in good condition as seen during inspection.	All the escape/exit routes shall not be kept locked/blocked or encroached	All the occupants must know the correct method of operation of the fire fighting system installed.
2	Any loss of life or property due to non-functioning of fire safety measures and other installations shall be the responsibility of the management.	All occupants shall be trained to operate the fire safety equipments during emergency.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.
3	Addition / alteration, if any in the building may be verified by building authority.	Mock drills should be conducted once in 3 months for initial two years. Thereafter, once in every 6 months.	All security personnel shall be trained to operate the fire safety equipments during emergency.
4	This No Objection Certificate for Occupancy is issued only from Fire Safety Point of View.	Raise the alarm if the fire cannot be controlled; Evacuate the area completely at once with nearest safe exit.	Attack the fire using available fire equipment only if you feel capable of controlling. If not, take all steps to isolate the area by closing doors and windows.

11) This No Objection Certificate for Occupancy is valid for a period of Five years only from the date of issue of this letter subject to the compliance of above Fire and Electrical Safety Measures. The owner/ Occupier/Builder/Management concerned of the building shall submit self declaration/ Certification with regard to working condition of fire safety measures every year in the prescribed format and submit/upload the photographs of the Mock drills conducted in the premises. It is the responsibility of the builder to apply for Renewal of No Objection Certificate for Occupancy, duly remitting the User Charges as per G.O.Ms.No.90, Home (Prisons & Fire) Department, dated.13-08-2021 and G.O.Ms.No.120, Home (Prisons & Fire) Department, dated.25-10-2021 before expiry of this No Objection Certificate.

Yours sincerely,



Director General,  
State Disaster Response and Fire Services,  
Andhra Pradesh, Vijayawada.

Copy to the Management of M/s. Velagapudi Ramakrishna Siddhartha Engineering College, R.S.No.281, 282, 283, 286, 288, 289, 246, 247, 251 & 284, Kanuru (V), Penamaluru (M), Krishna District.

Copy to the Regional Fire Officer, Eastern Region, Vijayawada.

Copy to District Fire Officer, Krishna District.

**Note: In case of any emergency call to 101 or State Fire Control Room-9100108101.**