



## v) Floor wise details

Sl. No.	Floor	Area in Sq. Mts.	Occupancy (Educational Hostel/ Dormitory Occupancy)	Occupant load
1	Ground	387.60	Educational	60
2	First	412.43	Educational	60
3	Second	410.72	Educational	60
4	Third	414.48	Educational	60

vi) Fire Precaution Fee: The builder has remitted Fee Rs 8500/- (Rupees Eight Thousand Five Hundred Only) vide challan No. 4226 dt. 22/04/08 at S.B.I, Kakinada.

## a) Open Spaces around the Building are

Side	Open space to be provided as per NBC	Open Space Provided	Remarks / Deficit
East	6.00 Mts.	6.0 Mtrs	Nil
West	6.00 Mts.	2.0 Mtrs	4.0 Mts
North	6.00 Mts.	10.0 Mtrs	Nil
South	6.00 Mts.	3.0 Mtrs	3.0 Mts

b) The following additional Fire Safety measures are advised in view of deficiency in mandatory open space to ensure safety of the students. (Note : These are applicable only to the existing building and where no new construction is involved).

i) Hydrants shall be provided in West and South sides.

ii) Hose Reel 2 Nos. on each floor

iii) Booster Pump 950 LPM

iv) Terrace Tank 10,000 Lts

c) Fire doors with 2 hours fire resistance shall be provided at appropriate place along the escape route and particularly at the entrance to the lift lobby and stair well to prevent spread of fire and smoke (clause 4.2.9) Part 4 of N.B.C. of India 2005.

d) Smoke venting facilities for safe use of exits shall be provided as per Clause 3.4.12 Part 4 of N.B.C. of India, 2005.

## 4) Details of Stair cases particulars

Sl. No.	Details of Stair case	As per N.B.C. with width	Provided by the Builder in Mts.	Deficit.
1	Internal Stair case	1.50 Mts.	-	-
2	External Stair case	1.25 Mts.	2mts x1=2.00 Mts	-
			1.40x1 = 1.40 Mts	

As per occupant load unit exit width is 60 /25 is 1.20 Mts. The builder has provided 3.40 Mts in the proposed building and the deficit is Nil Mts. as per Table-22 and clause No.4 of National Building code, 2005

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- (i) Manually Operated Electrical Alarm System,
  - (ii) Fire Service inlet
  - (iii) Underground static water storage tank of 25000 lts, Exclusively for Fire Fighting,
  - (iv) Emergency Light with battery backup for min. 2 (Two) hrs.
  - (v) Public Address System.
5. a) The following fire fighting systems shall be provided by the builder as per Table 23 of N.B.C Part-IV.
- b) Fire Extinguishers as per IS 2190.
  - c) Two 9 lts. Water expelling extinguishers and one 4.5 Kg. CO<sub>2</sub> extinguishers and one 5 Kg. DCP Extinguishers for every 600 Sq. Mts, Built-up area / Floor. The extinguishers should be so located as to be available within 25 Mts, radius.
  - d) Four 9 lts. Round bottom fire buckets (Two filled with water and two filled with dry sand for every 600 Sq. Mts. built up area / per floor should be hung to a stand.

NOTE:

Fire extinguishers should be placed as near as possible to exits of stair lands without hindering the escape routes.

Wall mounted Fire extinguishers should be placed on the supporting wall or in wooden, metal or plastic cabinets in such a way that their bottom is 1000 MM above ground level.

6. Additional fire safety measures required for Educational buildings deficit in 6 mts. Open spaces on three sides and on abutting road side.
- i) The available open spaces all around the building should be made obstruction free to facilitate movement of fire fighting personnel and equipment
  - ii) Each floor or for every built up area of 500 sq mts minimum (a) one 2 Kg. Dry Chemical Powder or one carbon-Di-Oxide 2kgs. And (b) one water type 9 liters Fire extinguisher should be provided,
  - iii) The building should have additional static water supply storage of not less than 25000 liters either in the underground/overhead tank and any deficit shall be made good and provided.
  - iv) If the built up area is less than 500 sq Meters, one additional external stair case of R.CC or M.S. with 1.25 mts. Width from ground floor to terrace connecting all floors through a fire door and accessible from all parts of the floor shall be provided in strategic place to ensure safe evacuation of inmates.
  - v) If the built up area is more than 500 sq Meters, one additional external stair case of R.CC or M.S. with 1.25 mts. Width from ground floor to terrace connecting all floors through a fire door and accessible from all parts of the floor shall be Provided on each side where open space is deficient (other than abutting road) to ensure safe evacuation of inmates.

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Note:-In cases where it is not possible, the staircases from terrace to ground f floor (roof exit) shall be provided in a strategic places in consultation with fire & Emergency services department to ensure safe evacuation of inmates.

- vi) Wet-riser cum down comer with landing valve, 2 Nos and one hose reel shall be provided on all floors on the additional staircase.
- vii) Automatic sprinkler system should be provided in the entire building.
- viii) Automatic detection and alarm system should be provided in the entire building.
- ix) Yard hydrant system should be provided on all sides of the building with 2 nos fixed monitors on the side where open space is deficit.
- x) Two electric and one diesel pump of 2850 LPM capacity and one jockey pump of 180 LPM capacity should-be provided.
- xi) For Educational Institutions where there is a considerable life risk due to presence of Large no of occupants/ public the following shall be provided.

a) A qualified fire officer with experience of not less than 3 years should be appointed as a care taker for the entire premises. He should be entrusted with the responsibility of maintaining the systems suggested above, to layout fire orders and Fire & emergency Services. If not available, a person may be appointed and training will be imparted by the Fire & Emergency Service Department.

7. The provisional No Objection Certificate is issued subject to the following conditions :

- i). All Fire Safety measures as advised above should be provided without fail.
- ii) No temporary structure such as tents or with thatched construction shall be allowed for educational institutions,
- iii) Every room with a capacity of 45 students shall have at least two doorways.

8. The Building may be informed of the following Rules and Regulations.

As per clause 13.1 of Part-II of the Notional Building Code of India " neither -granting of the permit nor the approval of the drawings and specifications, nor inspections made by the authority during erection of the building shall in any way relieve the owner of such building from full responsibility for carrying

out the work in accordance with the requirements of the National Building Code of India".

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As per Clause 9.3 of Part-II of the National Building Code of India "the Licensed Architect / Engineer/Structural Engineer/Supervision/Town planner shall be responsible for supervision of the construction and for the completion certificate. In the event of violation of the provisions of the code he shall be liable to penalties as prescribed by the Authority including cancellation of the Licence".

8) The builder may be advised that the building should not be occupied without obtaining No Objection Certificate for occupancy from this Department about the satisfactory installation of above fire safety measures.

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Regional Fire Officer  
E/R, Hyderabad

Copies to :

- i) Secretary & Correspondent, Vidyanjali School, D.No 70-18-1/1, Vidyavan Campus, New R.T.O. Office Road, Kakinada-5.
- ii) Copy submitted to Director General of Fire Services, A.P., Hyderabad.
- iii) Copy submitted to Director of Fire & Emergency Services, A.P., Hyderabad
- iii) The District Fire Officer, Kakinada.
- iv) The Station Fire Officer, Kakinada.

V. krishnamma Raju

Correspondent  
VIDYANJALI SCHOOL  
KAKINADA

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PRINCIPAL  
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