



ULTRIVA DESIGNS

Consulting Structural Engineers

DATE : 28.07.2017
PLACE: BANGALORE

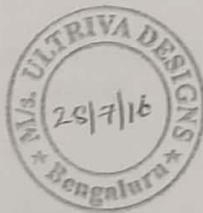
REF: UD/001-20170728/SSC

STRUCTURAL STABILITY CERTIFICATE

This is to certify that the school building belonging to Sri Chaitanya Techno School, situated at 31-2, 6th Main, 14th Cross, 2nd Stage, 2nd Phase, West of chord road, Bengaluru-86, is been designed for Ground+ 4 Upper floors as per architectural drawings.

The required imposed loads are as per IS:875(Part II) -1987 and also complies with the requirements of IS:456-2000, IS:1893(Part I) -2002. The School building mentioned above is structurally safe and stable for the purpose for which it is been intended.

Thanking You.
Yours Sincerely,



For M/s. ULTRIVA DESIGNS.

PRINCIPAL
SRI CHAITANYA TECHNO SCHOOL
31/2, 6th Main, 14th Cross,
West of Chord Road, Bengaluru-86

#1694, 15th Main, 30th cross, Banashankari 2nd stage, Bangalore-560070.
Tel: +91 80 26718825 | email: ultrivadesigns@gmail.com

CONCERNS ARCHITECTS

Building Soundness Certificate with respect to the building

Sri Chaitanya Techno School Completed at

Location : 31/2, 6th Main, 14th Cross, 2nd Main, 2nd Phase, West of Chord Road,
Rajajinagar, Bangalore-560086

• Purpose - School

I have personally inspected the building and examined the soil and foundation by exposing foundation and have examined the load bearing members of existing ground floor/first floor/second/third floor and having calculated the loads on foundation/load bearing members.

The detail of soil, foundation, roof, super structure, floor are as follows :

Foundation :

- i. Nature of soil-yellowish brown sandy soil
- ii. Total Area – 11603.25sft
- iii. Depth below ground level – 7'0" ht
- iv. Pressure at foundation – MAX-240kn/m², MIN-15kn/m²
- v. Probable safe bearing capacity of state met without foundation – 250kn/m²
- vi. Depth and Width of foundation varies from 9'0"x 10'2" to 9'8 x 11'2"
- vii. Load coming on foundation and super structure from existing and proposed structure 2450KN. Working load-3675KN.

Super Structure :

- Nature of masonry and concrete and its safe permissible stress – Solid Block Masonry and Concrete of M20 and M25 Grade.

Roof :

Roof Beams, Joints, Rafters-present Condition-GOOD

Roof Slab : Structural Soundness-GOOD

Present Condition – GOOD

Floor Joints :

- i. Structural Soundness – GOOD
- ii. Present Condition – GOOD

Structure

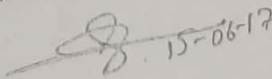
RCC column – M20 & M25 Grade Fe-515

Beams-M20 & M25 Grade Fe-515

I certify that the existing building is structurally sound for the purpose it is built for and the structure will take the load of the existing and proposed completed structures.

Regards,

Name : MANJUNATH
Designation : ARCHITECT


MANJUNATH G.M. (B.ARCH)
CA / 2006 / 37875
BCC/BL-3.6/A-2614/2014-15

#623/C/24/1/ 1st Floor, 'E' Block, 2nd Stage, Dr. Rajkumar Road, Rajajinagar, Bangalore-560010.

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