

STRUCTURAL STABILITY & COMPLETION CERTIFICATE



Ref. No. GENSYS/SD/STAB/PMRDA/18_R2

Date: 24-06-2025

To,
The CEO,
P.M.R.D.A., Pune.

Sir,

We have been appointed as Consulting Structural Engineer by **M/S. KUSH INNOVATIVE FOUNDATION.** for preparing Structural Design and Drawings for the New structure "**DELHI PUBLIC SCHOOL**" as described in our enclosed Design base report, based upon the Architectural drawings and other Utilities And Services requirements given by the Owner/ Developer of the development work of **School Building, (Basement + Ground + 5 Floors) & Compound Wall,** at **S. No. 24(P), Nande-Balewadi Road, Nande, Tal- Mulshi , Dist.- Pune.**

The following listed firms/persons are associated with the work.

ARCHITECTS:	Ar. Manoj Tatooskar
OWNER/DEVELOPER:	M/S. KUSH INNOVATIVE FOUNDATION.
SUPERVISING ENGINEER:	Mr. Sayabanna Sadashiv Natikar.

We hereby certify and confirm adequacy of the structural design for intended use represented through my structural drawings issued from time to time.

We are enclosing herewith undertaking of the Licensed Supervising Engineer / Owner regarding compliance with structural drawings and adherence to standard construction practices while executing the construction work. On basis of this I hereby certify that to the best of my knowledge and belief the said structure is structurally fit for the intended purpose.

We further confirm that the structural design is based upon relevant Indian Standard Codes especially,

1. IS 456 : 2000 Code of Practice for Plain & Reinforced Concrete Structure.
2. IS 875 : 1987 Code of Practice for Design Loads.
3. IS 1893 : 2002 Criteria for Earthquake Resistant Design of Structure.

As a Consulting Structural Engineer our responsibilities are limited to providing Structural Designs and Drawings in accordance with the provisions of relevant prevailing Indian Standard codes, and visits to site at specified stages called for by the Supervising Engineer for verification of reinforcement laid. All issues related to Supervision, Materials, Workmanship and execution are the sole responsibility of the Supervising Engineer and visits made by the Structural Consultants are not for Supervision since we are not responsible for supervision and quality of work.

This certificate is issued on the clear understanding that our overall design responsibility for the safety and proper performance of structural design ceases, the moment any addition and / or alteration or any damage to the structural frame is caused by accident or by tampering with the geometrical sections of structural members for any purpose whatsoever or due to overloading of the structure or lack of maintenance or any act that is detrimental to the structure as a whole.

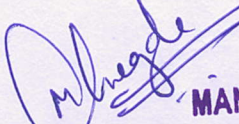
This certificate is issued in conjunction with the certificates of the licensed engineer / owner certifying the quality of work.

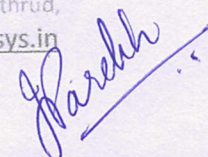
For Gensys Technologies Pvt. Ltd.


Aniruddha Dike
PMRDA/Structural Engineer

Lic. No.

201/202, C2, Saudamini Complex, Right Bhusari Colony, Near Chandani Chowk, Kothrud,
Pune - 411038. Phone No. 020-2528 0809, 2528 0092 Email : structural@gensys.in

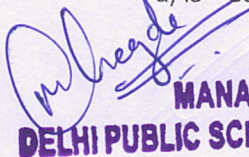

MANAGER
DELHI PUBLIC SCHOOL HINJAWADI


PRINCIPAL
DELHI PUBLIC SCHOOL HINJAWADI

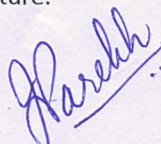
Design Basis Report

Date :- 01-08-2023

- 1) Name of Owner/Developer : Kush Innovative Foundation
- 2) Project Details & Site Address : Proposed building "**DELHI PUBLIC SCHOOL**"
at Nande-Balewadi Road, Village- Nande, Mulashi, Dist-, Pune
(Basement + Ground + 5 floors)
- 3) Name of Architect : Arch Manoj Tatooskar.
- 4) Type of Building : School Building
- 5) Usage : a) Parking : at Basement floor,
b) Ground to 5 Floors will be used for school purpose.
- 6) The minimum size of columns, Shear wall and beams shall not be less than 200 mm.
- 7) All cantilever projections shall be designed for 5 times the acceleration as per IS 1893-2016. This shall include all vertical as well as horizontal projections.
- 8) Shear Walls added in addition to columns to strengthen the geometry in design point of view.
- 9) Minimum Grade of concrete as per exposure conditions as mentioned in IS 456-2000, shall be adhered to.
- 10) Necessary confining reinforcement in form of stirrups and links for columns and beams shall be provided to resist Seismic Loads as per relevant codal provisions.
- 11) Live load assumed on the floors : a) Ground to 5th floor – Class room - 3 KN/m²
b) Ground to 5th floor – Library/Staircase/ Passage- 4 KN/m²
c) Ground to 5th floor – Store Room - 5 KN/m²
b) Terrace - 4 KN/m²
- 12) Floor finish load : a) 2.0 KN/sq.m ,
b) 2.5 KN/sq.m in parking area,
c) 2.0 KN/sq.m on terrace.
- 13) External & Internal Walls : a) External Walls - 125mm thick having density 8 KN/m³
b) Internal Walls - 100mm thick having density 8 KN/m³
- 14) Floor to floor height : As per sanctioned architectural plans & sections.
- 15) Seismic data : Zone III Design as per IS 1893.
- 16) S. B. C of soil assumed = 800 KN/ m² (As per geotechnical report, hard strata at approx 1.5m depth below existing Ground Level.
- 17) Type of foundation - Isolated/ combined footings are proposed.
- 18) Grade of reinforcement - Tor steel - Fe 500
- 19) The codes used in the design of this structure.
 - a) IS – 456 – 2000 – Code of Practice for Plain and Reinforced Concrete Structure.
 - b) IS – 875 – 1987 – Code of Practice for Design Loads.
 - c) IS – 1893 – 2016 – Criteria for Earthquake Resistant Design of Structure.
 - d) IS – 800 – 1984 – Code of Practice for General Construction in Steel.



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