

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING & RESEARCH
SECTOR-26, CHANDIGARH-160019 (INDIA)



(Established by Ministry of Human Resource Development, Govt. of India)

EPABX: 2759500, 2759514

FAX: 0172-2791366, 2793893

E-mail: director@nitttrchd.ac.in,

Web site: www.nitttrchd.ac.in

Dated: 22.05.2023

NITTTR/CIVIL/CCT&SD Sp1-2378

Principal

Govt. Model Sen. Sec. School,

Sector-32C, Chandigarh.

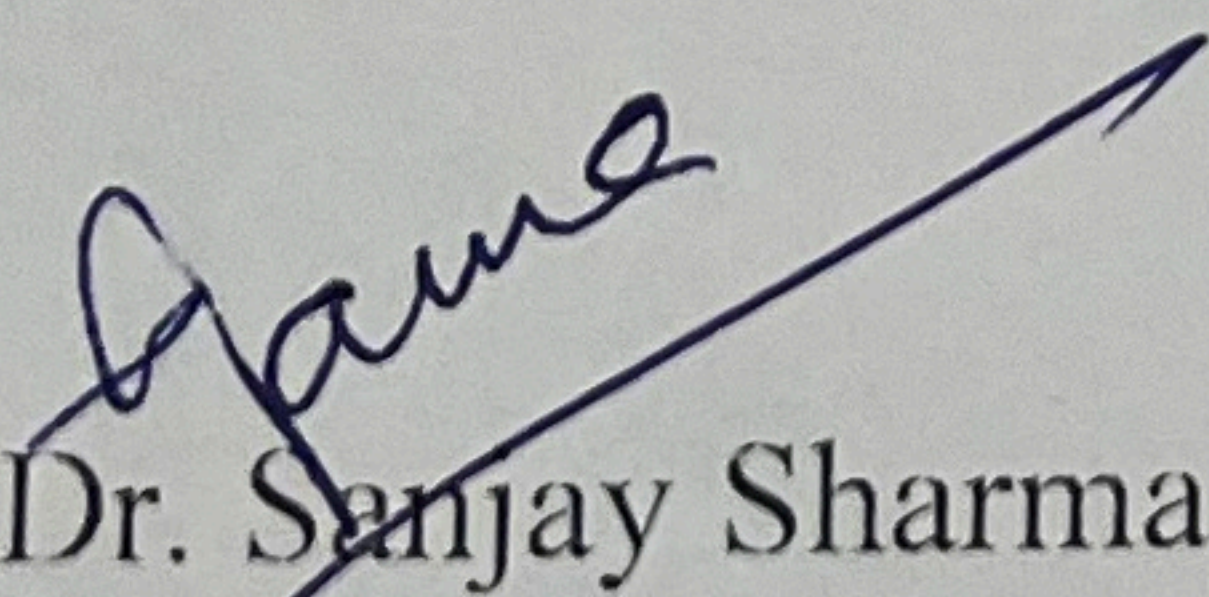
Subject: - Condition Assessment and stability certificate

Reference: Your letter no GMSSS-32/1941 dated 31/01/2023.

Dear Sir,

As per the site inspection and test results of Nondestructive testing results of Govt. Model High School, Sector-32C, Chandigarh. The following conclusions are drawn:

- The average relative strength of concrete of Block-GMSSS varies from 11-18 N/mm² corresponding to the rebound hammer test.
- The general overall quality of the concrete of Block-GMSSS is in good condition corresponding to the Ultra sonic Pulse Velocity test.
- The load-carrying capacity of the column, slab, and beams of Block-GMSSS can be calculated based on concrete grade **M15**.
- Since the quality of concrete is good, it shows the absence of corrosion, honeycombing, cracks, voids, etc. at the locations where tests were conducted.
- As per the test results mentioned above the construction is carried out as per the approved design and drawings.
- The construction is done in accordance with the authorised design and plans and the test findings mentioned above. The design of the current building complies with the criteria of the IS Code at the time it was built.
- The occupied Block-A building with respect to stability, was found in good condition.
- As the structure is old, it requires periodic maintenance, and the defects (dampness, expansion joint cracks, thermal cracks, etc.) identified need to be rectified as soon as possible. Non-addressee of these defects may affect the stability of the structure.
- This certificate is valid for a period of 3 years from the date of issue.


Prof. Dr. Sanjay Sharma
Dean Industrial Coordination, Consultancy
& Extension Services
& Head CCT&SD