



# राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान National Institute of Technical Teachers Training & Research

सम विश्वविद्यालय, विशिष्ट श्रेणी | Deemed to be University, Distinct Category  
शिक्षा मंत्रालय, भारत सरकार | Ministry of Education, Government of India  
सेक्टर - 26, चण्डीगढ़- 160 019, भारत | Sector - 26, Chandigarh - 160 019, BHARAT (India)

No./NITTTR/CCT&SD/spl-822

Date: 20.02.2026

To  
Principal  
Govt. Girls Model Sr. Sec. School,  
Sector - 20B, Chandigarh

**Subject: - Condition assessment and stability certificate**

**Reference - Memo No. -GGMSSS-20B/2026/127 Dated 18.02.2026**

Dear Mam/Sir

As per the site inspection and test results of Non-destructive testing results of Govt. Model Senior Secondary School, Sector-20B, Chandigarh. (Block-A, Block-B & Block-C) following conclusions are drawn:

- The average relative strength of concrete varies from 22-26N/mm<sup>2</sup> corresponding to the rebound hammer test.
- The general quality of concrete is in the range of good corresponding to the Ultra sonic Pulse Velocity test.
- The load carrying capacity of the slab and beams can be calculated based on concrete grade M20 and design is found ok as per the relevant codal provisions.
- The load carrying capacity of the column can be calculated based on concrete grade = M20.
- Since the quality of concrete is good, it shows the absence of corrosion, honeycombing, cracks and voids etc. at the locations where test were conducted.
- As per test results mentioned above the construction is carried out as per the approved design and drawings.
- The drawings and design of the buildings are also checked in accordance with the relevant Indian Standard Codes (with latest amendments) including Indian Standard Codes for structure resistant to earthquake.
- As the structure is old, it requires periodic maintenance and the defects (dampness cracks etc) identified needs to be rectified as soon as possible. Non addressee of these defects may affect the stability of the structure.
- The plinth area of the building shall be cleared of all vegetation, shrubs, and unwanted growth to ensure proper maintenance and prevent structural or moisture-related issues.
- It was observed that some of the fascias are in a damaged/deteriorated condition. The same require necessary repairs to prevent further deterioration and ensure proper maintenance of the building.
- It was observed during the site inspection that the roof waterproofing treatment (brick bat coba) is in a deteriorated condition, and vegetation growth is present over the

surface. The same requires immediate attention to prevent seepage and further structural damage.

- Overall, based on the above observations and findings, the occupied buildings are found to be structurally stable and in good condition with respect to stability.

This certificate shall remain valid for a period of three (03) years from the date of issue, subject to proper maintenance and no alteration to the structural system during this period.

  
Prof. Dr. Sanjay Sharma  
Head CCT&SD  
NITTTR, Chandigarh