

CED/CT/2021-22/NDT

Date:22-07-2021

To

THE PRINCIPAL

National Public School,
off ITPL Campus, Goravigere, Kadugodi Main Road,
Bidarahalli Hobli,
Bengaluru East Taluk, Bengaluru-560067



Sir,

Sub: Stability Certificate for National Public School, off ITPL Campus, Survey No. 92/1, 92/2 & 93, Goravigere, Kadugodi Main Road, Bidarahalli Hobli, Bangalore East Taluk, Bengaluru – 560 067, Regd.

Ref: Ref No: Nil, Dated 12-06-2021

With reference to the above, the detailed Non-Destructive Tests are conducted and analysed for the stability of existing school building belongs National Public School, off ITPL Campus, Survey No. 92/1, 92/2 & 93, Goravigere, Kadugodi Main Road, Bidarahalli Hobli, Bangalore East Taluk, Bengaluru-560067. As available data collected from the client, National Public School Building was built in the year 2018 and School was started functioning from the year 2019 onwards.

It is observed that, the School Building is of R.C.C. framed structures consists of Ground Floor, First Floor, Second Floor and Third Floor, respectively.

Hence, based on the **Non Destructive Test** results namely, **Rebound Hammer Test** (IS: 13311 (Part-2) 1992 (Reaffirmed in 2004). and **Ultrasonic Pulse Velocity Test** (IS: 13311-(Part-I)-1992-(Reaffirmed in 2004) on the selected structural members, i.e. columns, beams, roof slab areas and staircase areas in all floor levels and interpolating the values for compressive strength for existing columns, beams, roof slabs and staircase slab is around **26 to 34 N / mm²**.

In this building general safety, light. air and ventilation seem to adequate, the existing School Building is capable of carrying designed live load of a public building (School building) as per IS Codes and National Building Code Practice 2016 and also adopted the standard construction procedures.

We here by confirm that the existing National Public School Building is found to be Structurally Stable and complies the requirements of the relevant IS Code of Practices. Hence, the **School Building is Safe and Sound for the Usage.**

Thanking you.

Encl: Non-destructive test report

Yours faithfully.



Dr. KIRAN.T
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