

DEPARTMENT OF CIVIL ENGINEERING COLLEGE OF ENGINEERING PUNE

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TESTING AND CONSULTANCY SERVICES

No. Civil/AMD/BMD-VBD/

Date: 15/5/2019

To,
Principal,
Kendriya Vidyalaya
DIAT Girinagar,
Sinhgad Road,
Near Khadkwasla Dam,
Pune - 411025

कें.वि.डी.आय.ए.टी./K.V.D.I.A.T.
गिरीनगर, पुणे / Girinagar, Pune-25
आयक/Inv/amt. 13
दिनांक/Date 19/06/2019
दस्तावेज नं./File No. _____

Sub: Structural safety audit of Kendriya Vidyalaya DIAT Girinagar Building

Ref: Your letter No. F.2734/44/KVDIAT/18-19/Admin dated 16th October 2018

Dear Sir,

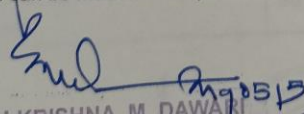
As per the above reference, we have visited your Vidyalaya's existing buildings at DIAT, Khadkwasala, Pune on Thursday, 13th December 2018.

The Old building constructed in 1971 is seen in good conditions for stone masonry structure except severe damping observed in the walls. Columns are not seen in good condition; at some places the reinforcement got exposed and seen corroded. It needs major repairs and renovation to use it for academic purpose. It is recommended to be demolished.

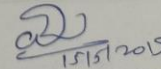
There are 5 Class-rooms which are constructed in the year of 1987; they are seen in good condition. But they are required to be repaired for rain-water seepage and painting is required to be done to prevent ingress of rain water inside the walls.

New building constructed in 2006 is G+1 storey RCC frame structure. It is in good condition except rain-water leakages at a few places. There are minor cracks in the masonry observed at a few locations. It needs to be strengthened. On the back side of Chemistry lab (Ground floor) stagnation of water in the storm water gutter is observed. Also, around the same place leakage through plumbing line is noticed. Immediate repairs are required to be done for these problems.

Based on existing conditions, these Two Buildings are declared structurally safe as on date with proper repair for rain-water seepage and strengthening of columns as mentioned in detail report. However, the older structure constructed in 1971 can be demolished and new construction can be made at that place.


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