



DEPARTMENT OF CIVIL ENGINEERING
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Date 19.08.2019

Report
Report on Kendriya Vidyalaya Golkonda-I for Annual Safety and Security
Certificate for the year 2019 - 2020

Kendriya Vidyalaya Golkonda-I has been visited on 16.07.2019 by professor of Civil Engineering. Principal, Kendryavidyalaya Golkonda-I requested Head Civil Engineering for site visit for the school building Ref.letter F.No.30/KVG-1/2019-20/179 dated 05.07.2019. Accordingly, Prof.V.Bhikshma, Department of Civil Engineering, Osmania University, visited school Main, Primary and Middle block buildings which were constructed during 1966 and 2007 respectively and observed all the safety aspects of the building.

The building has inspected for its leakages, dampness at various locations. The building inspection covered class rooms, bath rooms, corridors, laboratories and vicinity of the different laboratories in the school and terrace floors, etc.

The leakages has been observed at many parts of the primary block building. The dampness at the corridors and bath rooms has been observed. This is due to continuous seepage problem. All the class rooms have been thoroughly inspected and checked structural issues in the building. Near corridors, bath rooms, and in class rooms the dampness has been observed on the walls and slab locations. Suggested to identify the problems and rectify the leakages. Majority of the slabs and wall are having patches i.e. dampness leading to weakening of structure. At the terrace floor level of the building, the terrace surface has been treated with coated sheets and found that there are some gaps between the sheets. At many places the plastering has been delaminated and the steel has been exposed leading to corrosion. Repair for the building may leads to heavy cost and it is better to have a new construction for primary block. The details of the photographs are presented separately.

[Signature]
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office to file it in the next 2 wks. 18/9/19

KENDRIYA VIDYALAYA NO.1, GOLKONDA, HYD.	
Inward No.	881
Date	19/09/19
File No.	15
Sign. of Clerk	<i>[Signature]</i>
Principal	

Middle block is constructed with ground and first floors and this is a new building. Leakages in this building observed are very less. At some places minor dampness has been observed. Informed to rectify the problem of dampness and leakages by grouting treatment and suggested to control the leakages at the terrace floor.


Main (Secondary Block) building has been inspected and observed all the locations. Leakages observed are very less. In some of the rooms minor leakages are observed. As they have gone for roof treatment, leakages and dampness observed are less. Suggested to treat the slabs at places where the leakages and dampness are observed.

Conclusions:

1. Primary building has many leakage and dampness and building is unsafe. Building can be renovated, but cost incurred would be very high. Better to have a new construction rather than going for repairs.
2. The middle block building is safe for its service loads with existing design. But for the leakages treatment needs to be attended immediately to arrest the leakages.
3. Main Building is safe, but treatment needs to be attended to rectify the leakages and dampness issues.

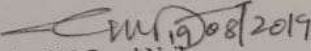
Based on the visual inspections, the following recommendations are arrived:

1. The buildings recommended for repairs to primary building, middle block and main (Secondary block) building.
2. Primary block is unsafe for its service loads as they are with heavy leakages and dampness.


Prof. V. Bhikshapati 08.2019
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