



**DEPARTMENT OF CIVIL ENGINEERING**  
**GOVT. ENGINEERING COLLEGE, THRISSUR – 9**

**Ph: 0487-2322989**

23.07.2021

**STRUCTURAL STABILITY REPORT OF EXISTING BUILDING AT CHAVAKKAD**  
**(AMRITA VIDYALAYAM, ORUMANAYUR VILLAGE, ORUMANAYUR PANCHAYATH,**  
**WARD NO. 2, SURVEY NO. 12/3, 12/4, 13/3, 13/3, 13/3, 13/4, 13/4, 13/4, 13/4,**  
**13/4, 14/12 , BUILDING NO. 2/117, 2/118) THRISSUR DISTRICT**

As Per the request letter from The Principal, Amrita Vidyalayam, Chavakkad, I have visited the School building site. I have inspected one building. It is of G+3 Floors. It is found that the structural members such as columns are found intact. Non-structural cracks were also not observed on the walls. No cracks were seen on these structural members. Upon Non-destructive (Rebound hammer) testing the structural concrete having designed strength. From the inspection & NDT testing the all buildings are found to be safe under Normal Weather Conditions.

However the following points are noted in connection with the above.

1. Need of safety certificate from fire department is not checked.
2. The other construction quality aspects, especially construction joints, construction of walls etc. are not checked in this investigation
3. In future, any new crack found in the structure, the same should be consulted to a structural engineer and the necessary measures should be taken.
4. The Confirmation for KMBR/KPBR of the Building has not been verified



*PPS*

P P Sivan

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