



# MAR ATHANASIOUS COLLEGE OF ENGINEERING

KOTHAMANGALAM, KERALA, 686666, INDIA

(a Government Aided Engineering College)

Phone: +91 485 2822363; Fax: +91 485 2822931; E-mail: [office@mace.ac.in](mailto:office@mace.ac.in) Web: [www.mace.ac.in](http://www.mace.ac.in)

Dir. : +91 485 2823383; E-mail : [principal@mace.ac.in](mailto:principal@mace.ac.in)

29.04.2022


## STRUCTURAL STABILITY REPORT OF EXISTING SCHOOL BUILDINGS FOR NAVA NIRMAN PUBLIC SCHOOL, VAZHAKKALA, THRIKKAKARA MUNICIPALITY, VAZHAKKALA VILLAGE, KANAYANNUR THALUK, BUILDING No. 13/505, 13/984-B, 13/984-B1, 13/984-B2 IN ERNAKULAM DISTRICT

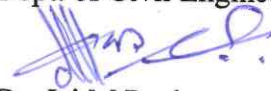
As per the request letter from Bertram Rodrigues, Manager, Nava Nirman Public School, Vazhakkala, we are entrusted to check the stability of the school buildings with buildings numbers 13/505, 13/984-B, 13/948-B1, 13/984-B2. We have visited the school buildings and checked the available drawings. From the inspections, it is found that the structural members such as slabs, beams, columns and truss are found intact. Some non-structural cracks and dampness were seen on the structure, which needs attention to avoid further progress which affects the stability of the structure. As these defects are minor and non-structural at present, I certify that the said building is **structurally safe and stable** presently.

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

1. The availability of safety certificate from Fire Department is not checked.
2. The other construction quality aspects are not checked in this investigation
3. This analysis is based on present condition of the structure. If any unfortunate things happen in future, it should bring to the notice of the authorities immediately.
4. The conformation with KMBR/KPBR is not checked.



  
Dr. Elson John  
Professor  
Dept. of Civil Engineering

  
Dr. Jai M Paul  
Professor  
Dept. of Civil Engineering