



- Constituent College of JSS Science and Technology University
- Approved by A.I.C.T.E.
- Governed by the Grant-in-Aid Rules of Government of Karnataka
- Identified as Lead-Institution for World Bank Assistance under TEQIP Scheme

**DEPARTMENT OF CIVIL ENGINEERING**



SJCE/CIVIL/HPS+HMM-114/2022-2023

Dated: 08.07.2022

**STRUCTURAL STABILITY CERTIFICATE**

Ref: Letter No. JSSPSS/79/2022-23, Dated: 30.06.2022

The Structural Stability of the existing school building was carried out as per the request of The Principi, JSS Public School, Siddartha Nagar, Mysore - 570011. The JSS Public School, Siddarthanagar, Mysore is a RC framed Structure having Ground floor plus Three Upper floors.

The structural stability assessment was carried out on 07.07.2022. These reports in brief, summarize outcome of the study.

**Structural Stability Assessment was carried out in two distinctive stages.**

1. Visual survey / inspection to ascertain the present condition of the existing structural member.
2. Various Non-destructive tests to assess present in-situ condition i.e., quality / strength of the existing structural member.

The particulars of the building and observations made at the time of inspection are as follows:

1. The JSS Public School, Siddarthanagar, Mysore is a RC framed Structure having Ground floor plus Three Upper floors.
2. The position and size of all structural members were checked and found as per the structural drawings.
3. A few RCC Columns, Beams and roof were identified randomly and the strength of concrete in the columns, Beams and roof were assessed by conducting Non-Destructive Testing (NDT) using Ultrasonic Pulse Velocity instrument. Average readings are considered for assessing the probable value of compressive strength. The details of the results are presented in the Table.

*Mohan*

Department of Civil Engineering  
Jayachamarajendra College of Engineering  
Mysore-570 006

*[Signature]*

Department of Civil Engineering  
Sri Jayachamarajendra College of Engineering  
Mysore-570 006

*[Signature]*  
Head of the Department of Civil Engineering  
Sri Jayachamarajendra College of Engineering  
Mysore-570 006