

Structural Stability and Feasibility Analysis of Residential Quarters of ESIC 50 Bedded Hospital of C.B Ganj Bareilly (GAP-0783)

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Abstract

CPWD, Bareilly approached CSIR-CBRI, Roorkee, to take up the work of Structural stability and feasibility for residential buildings of ESIC 50 bedded hospital Bareilly constructed during 1982-1987 by UP Jal Nigam Limited. A total of 8 buildings are to be tested for structural stability. The scope of the work include: 1. Detailed visual inspection at the site 2. Non-Destructive Evaluation (Ultrasonic pulse velocity (UPV) test, Rebound hammer test etc.) 3. Recommendations for structural strengthening and repair 4. Guidance and recommendations for periodic maintenance 5. Report.

Objective: To undertake the structural stability study for 8 buildings residential buildings of ESIC 50 bedded hospital, Bareilly.