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Structural Engineering Group

Condition Assessment and Suggestion of Remedial Measures for Completion of Partially Constructed Building Blocks at Kath Bungalow Dehradun

Period: 11 Months (October 2024 - September 2025)

Project Investigator: Harish Chandra Arora

Type of Project: Government Funded

Sponsored by: Dehradun Smart City Project, PIU, PWD Dehradun

Cost: Rs. 8 Lakh

Objectives:

- Detailed investigation of 10 Nos. existing old building blocks
- Distress diagnosis of RC components through Non-Destructive Testing (NDT)
- Structural analysis of the old existing buildings considering the deteriorations occurred with time
- Suggesting the feasibility and the methodology for vertical extension of the existing building blocks
- Suggesting repair, strengthening and remedial measures