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Structural Engineering Group

Structural Condition Assessment of 119 Residential Buildings of Panipat Thermal Power Station Colony, Panipat (Haryana)

Period:	23 Months (November 2023 - October 2025)
Project Investigator:	Harish Chandra Arora
Type of Project:	Government Funded
Sponsored by:	Chief Managing Director, Panipat Thermal Power Station, Haryana Power Generation Corporation Limited, Panipat (Haryana)
Cost:	Rs. 52 Lakh
Objectives:	<ul style="list-style-type: none">• Distress mapping of the buildings• Review of architectural and structural drawings as per the availability from the client• Vetting of non-destructive testing (NDT) and partial destructive testing results of RC components• Testing of the building materials to determine the level of degradation• Structural analysis of the buildings (as per the requirement)• Suggesting feasible repair, strengthening and remedial measures• Suggesting building maintenance plan for future