

Project PI:	Debdutta Ghosh
Project Title:	Structural Audit of residential towers of Phase II (A,B,C and J) of Chintels Paradiso, Sector-109, Gurugram, A residential Project of M/s Chintels India Private Limited
Name of Client:	G Venkateshwara Rao M/s Chintels India Private Limited Chintels Corporate park, Near Chintels Chowk, Sector - 114, Gurugram, Haryana 122 017
Objectives:	a. Review the design basis report b. Review of the soil and geotechnical investigation report, foundation design c. Detailed visual inspection of the towers d. Defect identification and mapping e. Non-Destructive Evaluation (Ultrasonic Pulse Velocity, Rebound hammer, and Half Cell Potential) f. Testing of concrete cores collected from the sample locations g. Onsite Carbonation test h. Digging of sample pits for visual verification of the reinforcement condition i. Chemical analysis of samples collected from the site (Chloride, Sulphate, and pH value) j. Assessment of the structural stability of the residential towers based on the above investigation and information k. Suggestions on strengthening measures (if feasible) l. General Recommendations m. Preparation of project report based on the scientific investigation and inference n. Report Submission