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## Structural Engineering Group

### Performance evaluation of AAC Panel and Prefabricated volumetric Reinforced Concrete Modular Building

- Period:** 35 Months (April 2022 - March 2025)
- Project Investigator:** Ajay Chourasia
- Type of Project:** Industry Funded
- Sponsored by:** President, Magicrete Building Solution Pvt. Ltd., 101-102, Ritz Square, Athwa, Surat-395002 (India)
- Cost:** Rs. 9 Lakh
- Objectives:**
- Numerical Analysis of building constructed using AAC panels and Prefabricated Volumetric Reinforced Concrete Modular Building.
  - Displacement controlled quasi-static lateral load testing of full-scale building constructed using AAC panels and Prefabricated Volumetric Reinforced Concrete Modular Building.
  - Data analysis, result interpretation and qualification of seismic parameters.
  - Proposal for improvement of local and global performance thereof.