



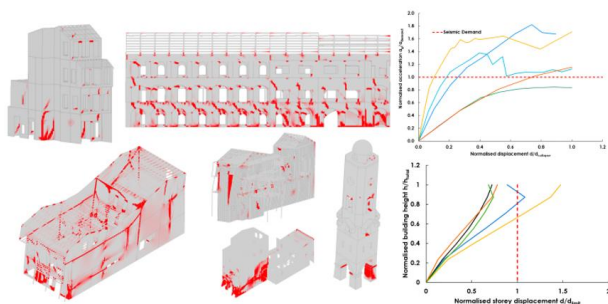
Pratik Gajjar

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Research Area Keywords:

Structural conservation,
Masonry,
Thermomechanical analysis.

Pratik is a structural engineer and an academic with an expertise in working on existing and historical structures. He has a research background in advanced numerical modelling of masonry structures under various loading conditions (thermal, seismic and settlement) using advanced FE software with constitutive modelling and parametric studies. He is also competent in experimental analysis of masonry by designing protocols with complete testing apparatus and monitoring devices. At the University, he teaches topics relating to structural failure, repair and strengthening involving, damage diagnosis, nonlinear structural analysis and strengthening techniques. He is also working in the industry, having experience in structural assessment of existing and historical structures.



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