

Your thesis title



Your name

Research Group Name
Department of Civil Engineering
Indian Institute of Technology Roorkee
Roorkee - 247667 (INDIA)

Synopsis
Submitted in partial fulfillment of the requirements for the
Degree of Doctor of Philosophy
in Civil Engineering

Supervisor : Dr. Supervisor
Co-Supervisor : Dr. Co-supervisor

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Abstract

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

1 Introduction

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2 Hypothesis/ Problem Statement

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived

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3 Aims and Objectives

4 Summary of the Research Work

5 Conclusions

6 Proposed Contents of the Thesis

List of Publications

Papers in Refereed Journals

- [1] Abhinav Gupta, U. Meenu Krishnan, Rajib Chowdhury, and Anupam Chakrabarti. An auto-adaptive sub-stepping algorithm for phase-field modeling of brittle fracture. *Theoretical and Applied Fracture Mechanics*, 108:102622, August 2020. ISSN 0167-8442. doi: 10.1016/j.tafmec.2020.102622.

National and International Conference Proceedings

- [1] Abhinav Gupta, U Meenu Krishnan, Rajib Chowdhury, and Anupam Chakrabarti. Runtime from 300 years to 300 min: Lessons learned in large-scale modeling in FEniCS. page 16.

Bibliography

- [1] T J R Hughes, J A Cottrell, and Y Bazilevs. Isogeometric analysis: CAD, finite elements, NURBS, exact geometry and mesh refinement. *Comput. Methods Appl. Mech. Engrg.*, page 61, 2005.