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List of Publications

- **Gaurav Pandey**, Dharendra Patel, Vishal Kumar Mourya, Rajesh Kumar, and Suresh Kumar (2023). A Review on Soil-Foundation-Interaction Models. *Journal of Rehabilitation in Civil Engineering*. 11(3), 158–179. <https://doi.org/10.22075/jrce.2022.25247.1570>.
- **Gaurav Pandey**, Dharendra Patel, Vishal Kumar Mourya, Rajesh Kumar, and Suresh Kumar. Load-Sharing Behaviour in Piled-Raft Foundations over Sand and Clay: An Experimental Investigation. *Research on Engineering Structures and Materials*. <http://dx.doi.org/10.17515/resm2023.41me0714rs>.
- Dharendra Patel, **Gaurav Pandey**, Vishal Kumar Mourya, and Rajesh Kumar. Sustainable Base Isolation: A Review of Techniques, Implementation and Extreme Events. *Sadhana*, Springer (Accepted).
- Vishal Kumar Mourya, **Gaurav Pandey**, Dharendra Patel and Rajesh Kumar (2023). Approaches considering Non-linearity in Soil-Foundation-Interaction: A State-of-the-Art-Review. *Research on Engineering Structures and Materials*. 9(3), 989-1013. <http://dx.doi.org/10.17515/resm2023.646me0117>.
- Dharendra Patel, Vishal Kumar Mourya, **Gaurav Pandey** and Rajesh Kumar. Advancements in Base Isolation for Seismic Mitigation: Perspectives on Elastomeric and Lead Rubber Bearings. *Research on Engineering Structures and Materials*. <http://dx.doi.org/10.17515/resm2024.15ma0927rv>.
- Dharendra Patel, Rajesh Kumar, Vishal Kumar Mourya, and **Gaurav Pandey**. Dynamic Behavior of High Damping Rubber Bearings and Lead Rubber Bearings under Near-Fault Earthquakes. *Research on Engineering Structures and Materials* (Revision Submitted).
- **Gaurav Pandey**, Dharendra Patel, Vishal Kumar Mourya, Rajesh Kumar, and Suresh Kumar. Formulation of Predictive Models for Interaction Factors in Piled Raft Foundation (Communicated).

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- **Gaurav Pandey**, Dharendra Patel, Vishal Kumar Mourya, Rajesh Kumar, and Suresh Kumar. Load-Sharing in Piled-Raft Foundation subjected to Structural Loading (Communicated).
 - **Gaurav Pandey**, Dharendra Patel, Vishal Kumar Mourya, Rajesh Kumar, and Suresh Kumar. Design Philosophies of Piled-Raft Foundations: A Review (Communicated).
 - Dharendra Patel, **Gaurav Pandey**, Vishal Kumar Mourya, and Rajesh Kumar. Response of Vertically loaded LRB subjected to seismic motions using non-linear 3D-FE Modeling. 3rd International Conference on Recent Developments on Sustainable Infrastructure: (Engineering, Technology and Innovation), 2022-23.