

1. Personal Information

- **Name:** Dr. Prashant Anant Bansode
- **Position:** Assistant Professor
- **Department:** Civil Engineering
- **Contact Information:** bansodeprashant.a@gmail.com
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2. Educational Background

- **Degrees:**

Program	University / Board	Year
Ph.D. (Civil Engineering)	Indian Institute of Technology Madras	2021-25
M.E. (Civil-Structures)	Shivaji University, Kolhapur, Maharashtra	2015-18
B.E. (Civil Engineering)	Shivaji University, Kolhapur, Maharashtra	2011-15

- **Postdoctoral Experience:** Post-Doctoral Equivalent Fellow, IIT Madras
- **Certifications:** Nil

3. Research Interests

- **Areas of Expertise:** Earthquake Resistant Design of Buildings Systems
- **Ongoing Projects:** Torsional response of buildings with plan and vertical asymmetry.
- **Interdisciplinary Work:** Nil

4. Teaching Experience

- **Courses Taught:** Mechanics of Structures, Concrete Technology, Design of Concrete Structures
- **Course Development:** Nil

5. Publications and Presentations

- **Journal Articles:**

1. Bansode, P. and Goswami, R. (2025). Structural wall plan density and dynamic shear force amplification in seismic design of RC buildings with structural walls. Sadhana, Accepted for Publication, In-press
2. Bansode, P. and Goswami, R. (2025). Influence of Peak Ground Velocity on Performance of RC Buildings Designed for Revised Earthquake Hazard of India. Sadhana, 50. <https://doi.org/10.1007/s12046-025-02772-4>
3. Bansode, P. (2021). Effect of Base Isolation on Multi-storey Steel Structure in Different Soil Conditions. International Journal of Engineering Sciences & Research Technology, 10(3). <https://doi.org/10.29121/ijesrt.v10.i3.2021.6>
4. Bansode, P. and Datye, V. (2018). Seismic Analysis of Elevated Water Tank with different Staging Configuration. Journal of Geotechnical Studies, 3(1). MAT Journals

- **Conference Papers:**

1. Bansode, P. and Goswami, R. (Under Review). Structural Performance Assessment of Buildings – A Key to Earthquake Disaster Preparedness. Submitted to 4th International Symposium on One Health One World, CSIR-CBRI, Roorkee
2. Bansode, P. and Goswami, R. (2024). Seismic Performance of Existing RC Moment Frame Buildings under Revised Seismic Hazard of India. Proceeding of 18th World Conference on Earthquake Engineering. Milan, Italy. <https://proceedings-wcee.org/view.html?id=22639&conference=18WCEE>
3. Goswami, R., Goyal, A., Chaturvedi, V., Chandra, T., Bansode, P., Jaiswal, D.K. and Murty, C.V.R. (2024). Earthquake Resistant Design of Structures in Near-Fault Regions. Proceeding of 18th World Conference on Earthquake Engineering. Milan, Italy. <https://proceedings-wcee.org/view.html?id=25229&conference=18WCEE>
4. Bansode, P. and Goswami, R. (2022). Seismic Design of Periphery RC Beams in Buildings with Large Plan Aspect Ratio. Proceedings of 17th Symposium on Earthquake Engineering (Vol. 3). SEE 2022. Lecture Notes in Civil Engineering, Volume 331. Springer, Singapore. https://doi.org/10.1007/978-981-99-1579-8_11
5. Rajemahadik, C., Kulkarni, M., Durge, R., Kamble, A., Babar, S. and Bansode, P. (2020). Investigating Load Withstand by L-Shape Concrete Cube, RCC Slab and to Safeguard Reinforcement of RCC Slab in Saltwater Environment Using Cathodic Protection. Advances in Structural Technologies. Lecture Notes in Civil Engineering, 81. https://doi.org/10.1007/978-981-99-1579-8_11

6. Bansode, P. and Rajemahadik, C. (2019). Seismic Response of Overhead Water Tank with different Staging Systems. Proceedings of National Conference on Advances in Structural Technologies, organized by NIT Silchar

- **Editorial Work:** Nil

6. Awards and Honors

- **Grants:** Nil
- **Awards:** Nil
- **Fellowships:** Nil

7. Professional Experience

- **Administrative Roles:** Nil
- **Industry Collaboration:** Nil
- **Consulting Work:** Nil

8. Supervision and Mentoring

- **PhD/Master's Supervision:** Nil

9. Professional Memberships

- **Associations:** Nil

10. Miscellaneous

- **Languages:** English, Hindi, Marathi
- **Skills:**

Technical Software: STAAD.Pro, ETABs, SAP2000, Perform 3D, SeismoStruct, SeismoMatch, SeismoSignal, AutoCAD

Editorial Software: MS Word, MS Excel, MS PowerPoint, Desmos, WebPlotDigitizer

Programming Language: VBA coding, MATLAB and Python

- **Personal Interests:** Travelling, Cooking and Gardening