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EARNED DEGREES

- **Doctor of Philosophy (Civil Engineering)** **2015-2020**
Indian Institute of Technology Madras (IIT Madras)
Chennai, Tamil Nadu, India
Thesis Title: *Performance-based analysis of bridge pier with rocking shallow foundation*
- **Master of Technology (Geotechnical Engineering)** **2013-2015**
National Institute of Technology Warangal (NITW)
Warangal, Telangana, India
Project Title: *Probabilistic seismic hazard analysis of Warangal*
- **Bachelor of Engineering (Civil Engineering)** **2008-2013**
BMS College of Engineering (BMSCE)
Bengaluru, Karnataka, India
Project Title: *Effect of fibres in improving the engineering properties of granite sludge paver blocks*

SCHOLASTIC ACHIEVEMENTS

- Assistantship from Ministry of Education, Govt. of India (2013-2015) for M. Tech. in Civil Engineering
- Assistantship from Ministry of Education, Govt. of India (2015-2020) for Ph. D. in Civil Engineering

PROFESSIONAL EXPERIENCES

- Assisted for project on seismic site characterization and development of site spectra for new CATF building site at ISITE campus, Indian Space Research Organization Bengaluru, Karnataka, India
- Internship at Sarathy Geotech & Engineering Services Pvt Ltd., Bengaluru, Karnataka, India
- Internship at United Foundations Pvt Ltd., Bengaluru, Karnataka, India.

TECHNICAL SKILLS

- Software skills: OpenSees, MATLAB, ArcGIS, CRISIS, PLAXIS, ABAQUS, SLOPE/W
- Seismic Hazard Analysis
- MASW testing
- Numerical Modelling

COURSES AND LABS

- Advanced Foundation Engineering
- Advanced Soil Mechanics
- Applied Soil Mechanics
- Computational Methods in Geotechnical Engineering
- Design with Geosynthetics
- Earth and Rock Fill Dams
- Earth Retaining Structures
- Earthquake Geotechniques
- Experimental Geotechniques (Lab)
- FEM & Constitutive Modelling in Geomechanics
- Geotechnical Exploration and Instrumentation
- Ground Improvement Techniques
- Mechanics of Unsaturated Soils (GIAN)
- Probability Methods in Civil Engineering
- Rock Mechanics (Lab)
- Soil Dynamics & Earthquake Engineering

PUBLICATIONS

Journal Papers (Published)

- Deviprasad, B. S. and Dodagoudar, G. R. (2020), "Seismic response of bridge pier supported on rocking shallow foundation", *Geomechanics and Engineering*, 21(1), 73-84, <https://doi.org/10.12989/gae.2020.21.1.073>.
- Nirbhay, N. S., Deviprasad, B. S. and Kalyan, K. G. (2015), "Analysis of earthquake catalogue for seismic hazard analysis of Warangal city", *Discovery*, 41(190), 136-142.

Journal Papers (Manuscripts planned to be submitted by January 2021)

- Deviprasad, B. S., Ramanandan, S. and Dodagoudar, G. R. (2020), "Reliability analysis of bridge pier with rocking shallow foundation" (to be communicated)
- Deviprasad, B. S., Ramanandan, S. and Dodagoudar, G. R. (2020), "Fragility analysis of bridge pier with rocking shallow foundation" (to be communicated)

Conference Papers

- Deviprasad, B. S. and Dodagoudar, G. R. (2019), "Modelling the behaviour of shallow foundation using beam on nonlinear Winkler foundation", *7th International Conference on Earthquake Geotechnical Engineering*, Rome, Italy, 17-20 June, 2019.
- Deviprasad, B. S., Akshay, T. S., Srikanth, E. and Kalyan, K. G. (2015), "Analysis of composite earthquake catalogue of Warangal city", *6th International Geotechnical Symposium on Disaster Mitigation in Special Geoenvironmental Conditions*, Chennai, India, 21-23 January, 2015.
- Nirbhay, N. S., Deviprasad, B. S., Hari Krishna, P. and Kalyan, K. G. (2015), "Probabilistic seismic hazard analysis for Warangal considering single seismogenic zoning", *50th Indian Geotechnical*, Pune, India, 17-19 December, 2015.
- Akshay, T. S., Deviprasad, B. S., Srikanth, E. and Kalyan, K. G. (2015), "Seismic site characterization of Ramalingeshwara temple at Warangal, Telangana", In proc. *International conference on Sustainable Energy and Built Environment*, Vellore, India, 12-13 March, 2015.
- Akshay, T. S., Deviprasad, B. S., Parasad, H. and Kalyan, K. G. (2015), "Seismic site characterization of Warangal district", *50th Indian Geotechnical*, Pune, India, 17-19 December, 2015.

CURRICULAR AND EXTRACURRICULAR ACTIVITIES

- Secretary of Geo-Forum, student body of Geotechnical Engineering Division, IIT Madras (2016-2019)
- Student secretary of Kannada Samskrutika Sangha, IIT Madras (2016-2019)
- Member of student legislative council, IIT Madras (2016-2017)
- Department legislator, Department of Civil Engineering, IIT Madras (2016-2017)
- Member of Research Affairs Council (2016-2017)
- Volunteer for Indian Geotechnical Conference (IGC-2016), IIT Madras
- Volunteer for International Symposium on Geotechnical aspects of Heritage Structures (SGHS-2019), IIT Madras
- Volunteer for workshop at IIT madras under One Lab-One School
- 1st runner up in one-act-play at 12th VTU youth fest - 2010, Gubbi, Karnataka
- Performed in a theatrical drama in Alliance Française de, Bengaluru, Karnataka (2013)
- Runner up at state level science modelling competition held at St. Aloysius College, Mangalore, Karnataka (2007)
- Best outgoing student of Vidyarashmi Vidyalaya for the year 2006

REFERENCES

Dr. G R Dodagoudar
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Assistant Professor,
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