

CURRICULUM VITAE

Sareesh Chandrawanshi

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<https://scholar.google.co.in/citations?user=g8q1U8AAAAAJ&hl=en>
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Permanent Address

68, Comfort Park
Oppo. Rajiv Nagar
Bypass Road, Bhopal 462022
Madhya Pradesh, INDIA

Fields of Research Interest

Geotechnical Engineering

Ground Improvement of Cohesionless soils: Confined footing

Ground Improvement of Cohesive soils: Construction of stone columns, Improvement in bearing capacity, Effect on consolidation time, Well resistance and Smear effect due to construction of stone columns.

Field Testing for evaluating geotechnical properties

Environmental Geotechnology

Educational Degrees

Ph.D. Department of Civil Engineering, Maulana Azad National Institute of Technology, Bhopal (2014-2018, Awarded on 09th Sept 2018)

Thesis : ***Settlement Behaviour of Very Soft Soil Reinforced with Stone Columns: An Experimental Study***

M. Tech. Department of Civil Engineering, Maulana Azad National Institute of Technology, Bhopal (2011-2013)

Specialization : Geotechnical Engineering (GGPA 8.8)

Thesis : ***Behaviour of Small-Scale Circular Footing on Skirted Foundation in Granular Soil***

B. E. Department of Civil Engineering, Samrat Ashok Technological Institute, Vidisha (2003-2007), Aggregate 75.91%

Higher Secondary Vikram Higher Secondary School, Bhopal, 2003, C.B.S.E., 59.2 %

Senior Secondary Vikram Higher Secondary School, Bhopal, 2001, C.B.S.E., 74.6 %

Present Position

Assistant Professor, Civil Engineering Department, Govind Ballabh Pant Institute of Engineering & Technology, Ghurdauri, Pauri Garhwal - 246194 (Uttarakhand) (May'19 - till date).

In my current position as Assistant Professor at GBPIET, Pauri I am involved in teaching various U.G. and P.G. courses. I am working to establish OBE (Outcome based education system) and good practices so as to obtain NBA accreditation.

Professional Experience

1. *Assistant Professor*, Department of Civil Engineering, Samrat Ashok Technological Institute, Vidisha, M.P. 464001 (Jan'18 – May'19). (NPIU Selected)
2. *Assistant Professor* Department of Civil Engineering, Trinity Institute of Technology and Management, Bhopal, M.P. 462038 (July'13-July'14).
3. *Lecturer* Department of Civil Engineering, Lakshmi Narain College of Technology Excellence (formerly known as Gyan Ganga Institute of Technology and Management), Bhopal, M.P. 462022 (May'09-May'11).

Experience in Research

1. Research in Maulana Azad National Institute of Technology, Bhopal, M.P. Worked as a Doctoral Research Scholar in the Department of Civil Engineering. (Aug'2014-Dec'2018)
2. Research in Maulana Azad National Institute of Technology, Bhopal, M.P: Worked as a Post-graduate Scholar in the Department of Civil Engineering (July'2011-July'2013)

Citations & Indices (as per Google Scholar Data)

Total number of citations: 20

h-index: 2

i10-index: 1

List of Publications

Journal Papers (Scopus Indexed-3, National-1, International-6)

1. **Chandrawanshi, Sareesh**, Kumar, Rakesh and Jain, P.K. (2017). "Effect on settlement reduction due to method of construction of stone column: an experimental small scale study." International Journal of Civil Engineering and Technology, 8, (6), 99-108.
2. **Chandrawanshi, Sareesh**, Kumar, Rakesh and Jain, P.K. (2017). "Settlement characteristics of soft clay reinforced with stone column: an experimental small scale study." International Journal of Civil Engineering and Technology, 8, (5), 937-948.
3. **Chandrawanshi, Sareesh**, Kumar, Rakesh, Rokade, Siddharta and Jain, P.K. (2016). "Bearing pressure and settlement analysis of soft ground reinforced with stone columns." Electronic Journal of Geotechnical Engineering, 21, (25), 10081-10094.

4. Rajput, Devendra, Kumar, Rakesh, Jain, P.K. and **Chandrawanshi, Sareesh**. (2016) "Load-Settlement Behaviour of Soft Soil Reinforced with Sand Piles." International Research Journal of Engineering and Technology, 3, (11), 1303-1308.
5. **Chandrawanshi, Sareesh**, Kumar, Rakesh and Jain, P.K. (2015). "Comparison of Pressure-Settlement Behaviour of Model Circular Footing with Skirt in Sand of varying Relative Densities.", International Journal of Frontiers in Technology, 2, (2), 31-39.
6. **Chandrawanshi, Sareesh**, Kumar, Rakesh, Kaur, Suneet and Jain, P.K. (2014). "Effect Of Skirt on Pressure Settlement Behavior of Model Circular Footing In Medium Dense Sand." International Journal of Advanced Engineering Technology, 5, (2), 01-05.
7. **Chandrawanshi, Sareesh**, Kumar, Rakesh, Kaur, Suneet and Jain, P.K. (2014). "Comparison of Pressure-Settlement Behaviour of Model Circular Footing with Skirt in Medium and Dense Sand" NICMAR Journal of Construction Management, 29, (3), 51-58.

Conference Papers (Scopus Indexed-1, National-0, International-4)

1. Jaiswal, Akash, Kumar, Rakesh and **Chandrawanshi, Sareesh** (2019). "Development of design charts for installation of granular piles in soft clays." Proceedings of International conference on Recent Advances in Interdisciplinary Trends in Engineering & Applications, Indore, India, 1-11.
2. **Chandrawanshi, Sareesh** and Kumar, Rakesh. (2015) "Bearing Capacity Improvement of Soft Soils Upon the Application of Confined Footings" Proceedings of the International Conference on Soft Ground Engineering, Singapore, 189-197.
3. **Chandrawanshi, Sareesh**, Kumar, Rakesh and Jain, P.K. (2015). "Bearing Capacity Improvement of Confined Footings in Expansive Soils." Proceedings of 50th IGC, Pune, India, 1-11.
4. Kumar, Rakesh, **Chandrawanshi, Sareesh** and Jain, Satish. (2016). "The Behavior of Sand Columns in Soft Expansive Clay: Experimental Study.", Proceedings of Geo-Chicago 2016, Chicago, Illinois, 698-706.

Lectures Delivered

1. Expert lecture on "Subgrade Investigation for Pavement Design" in FDP on "Recent Advances in Transportation Engineering" held at SATI, Vidisha during 8th Oct-12th Oct,2018. Date and Time of delivery: 10th Oct 2018 10 AM – 11.30 AM.
2. Expert lecture on "Ground improvement analysis by Plaxis software" in STTP on "Soil investigation and Design of foundations" held at MANIT, Bhopal during 27th Jun-1st Jul,2016. Date and Time of delivery: 29th Jun 2016 3.45 PM - 5.15 PM.

Membership of Professional Bodies

1. Life Member of Indian Geotechnical Society (IGS), LM-4565

Thesis/Project Guided

M.Tech.

1. Seismic Analysis of G+21 Storey Building Using RCC Frame & Steel Frame in Zone IV and V.
2. Seismic Evaluation of Masonry Building
3. An Experimental study on Strength Parameters of Basalt Fiber Reinforced Concrete

B.Tech.

1. Designing of Cover and Liner Systems for a MSW Site
2. Calculation of Capacity of MSW Site based on its Configuration
3. Bearing Capacity improvement of Soil using Stone Column
4. Assessment of Coconut Shell as Coarse Aggregate in Concrete

Workshop Organized

1. Organized STTP as an Coordinator on “Design of Experiments for Engineers and Researchers” held at Visvesvaraya National Institute of Technology, Nagpur during 10th - 14th Dec, 2018.
2. Organized STTP as an Students Organizing Secretary on "Soil Investigation and Testing of Materials for Pavements and Bridges" held at Maulana Azad National Institute of Technology, Bhopal during 16th Jan-20th Jan 2017.

Training/Courses/Conference Attended

1. 5 day Training Workshop on “Advancement in Remote Sensing Data Analysis” held at IIT Roorkee between 17th Jun-21st Jun 2019.
2. International Conference on Digital Pedagogies titled “Changing Mindsets for Sustainable Learning” held at AICTE Auditorium, New Delhi between 1st – 2nd April 2019.
3. One week Training Programme on “Wind Effects on Structures” held at VNIT, Nagpur between 29th-2nd Nov, 2018
4. Summer Training Program on “Active Learning Workshop” at IIT Bombay between 11th Jun-15th Jun, 2018.
5. Induction Workshop on “Pedagogy and Research” at IIT Indore between 23rd Jan – 27th Jan 2018.
6. STTP on "Soil investigation and Design of foundations" held at MANIT, Bhopal between 27th Jun-1st Jul, 2016.
7. GIAN Academic Course on “Constitutive Modelling on Practical Geotechnical Analysis” at IIT Bombay between 06th -16th June 2016.
8. STTP on "Recent trends in Surveying technology: Remote sensing, GIS & GPS perspective" held at MANIT, Bhopal between 22nd-26th Jun, 2015.

9. Course on "Plaxis Advanced Course on Computational Geotechnics" held at IIT Delhi between 29th-31st Oct, 2014.
10. Staff Development Program on "Geotechnical Engineering: Practices & Advancements" held at UIT, Bhopal between 28th Apr-3rd May, 2014.
11. STTP on "Recent advances in Civil Engineering (RACE-2013)" held at MANIT, Bhopal between 16th-20th Dec, 2013.

Consultancy Projects

1. Proof checking of Designs and Drawings (21.50 MLD STP at Karandi Ratlam) for Commissioner, Ratlam Municipal Corporation
2. Proof checking of Designs and Drawings, Underground Pipelines System for Commissioner, Shivpuri Municipal Corporation.

Recognition

1. Qualified Graduate Aptitude Test in Engineering (GATE) with 97.1 percentile score (AIR-853). Thus got scholarship from Ministry of Human Resource Development, Govt. of India for pursuing Masters and Doctoral degrees.
2. Was 2nd Rank Holder in Swayam (NPTEL) Course on "Geoenvironmental Engineering (Environmental Geotechnology); Landfills, Slurry Ponds & Contaminated Sites" conducted by Prof. Manoj Datta, IIT Delhi.

Professional Objective

Seeking excellence in a progressive organization where I can expand my knowledge and utilize my skills and qualification to best of my capacity, thus complement and contribute towards my organization's success.

Favorable Personality Traits

Committed to work, Motivator, Upholds Integrity, Inclination towards teamwork, Good persuasion skills.

References

1. Dr. Rakesh Kumar, Associate Professor, Department of Civil Engineering, Maulana Azad National Institute of Technology, Bhopal - 462003, M.P., rakesh20777@gmail.com, +91-9770080208
2. K. K. Punjabi, Associate Professor, Department of Civil Engineering, Samrat Ashok Technological Institute, Vidisha - 464001, M.P., kekepunjabi@gmail.com, +91-9425642159

Personal

Date of Birth: 23rd May, 1986

Place of Birth: Nagpur, Maharashtra, India

Parents: Sarita and Manish Chandrawanshi

Spouse: Bhumika Chandrawanshi