Name of Faculty	Dr. RAGHAVA ADITYA BHAMIDIPATI
Designation	Assistant Professor
Nature of Job/Appointment	Regular
Date of Joining	02 – 01 -2023
E-mail	raghavaadityab_civil@cbit.ac.in

Education Qualifications	**Name of the Degree**	**Class**
Ph. D	Doctor of Philosophy	Awarded
PG	M.S. (Civil Engineering)	First
UG	B. Tech (Civil Engineer.)	First

Work Experience

Teaching	3 years, 2 months
Research	11 months
Industry	2 years 4 months
Others	--
Area of Specialization	Geotechnical Engineering
Professional Memberships	--
Responsibilities held at Institution Level	--
Responsibilities held at Department Level	1. Assistant time-table coordinator
Research Guidance	--
Awards	College of Engineering Dean's Award for Best Teaching Assistant, University of Kentucky (2016)
Courses Handled at Under Graduate / Post Graduate Level.	Geotechnical Engineering, Surveying, Foundation Engineering Traffic engineering, Building Materials and construction, Air Pollution and Control
No. of Papers Published	National Journals – -- International Journals – -- National Conference – -- International Conference – 9
Projects Carried out	--
Patents	--
Technology Transfer	--
Invited Speaker	1. Delivered a lecture on " Architecture and the Indian Context", at the Student Induction Program (SIP) 2022 at C V Raman Global University, Bhubaneswar

No. of Books/Chapter Published with details

1. Bhamidipati, R.A., Nayan, L., Mahato, R. (2023). Using Laboratory Electrical Resistivity Testing to Estimate Geotechnical Properties of Some Bhubaneswar Region Soils, Soil Behavior and Characterization of Geomaterials, IGC 2021. Lecture Notes in Civil Engineering, Springer, vol 296, pp. 231-238 DOI:10.1007/978-981-19-6513-5_20
2. Bhamidipati R.A., Kalinski M.E., Bryson L.S. (2021) Effect of Saturation and Cementation on the Stiffness of Gypsiferous Soils. In: Proceedings of the Indian Geotechnical Conference 2019. Lecture Notes in Civil Engineering, vol 133. Springer, pp. 13-22. DOI: 10.1007/978-981-33-6346-5_2
3. Bhamidipati R., Hussain M., Sachan A. (2021) Influence of Density on the Static Liquefaction Characteristics of a Sandy Kutch Soil. In: Soil Dynamics. Lecture Notes in Civil Engineering, vol 119. Pp.193-201, Springer, Singapore.
   DOI: 10.1007/978-981-33-4001-5_18
4. Bhamidipati, R. A., Kalinski., M.E., (2020), "A lab study on the factors influencing settlement and electrical resistivity of gypsum sands", in: Ground Characterization and Foundations, Lecture Notes in civil Engineering, pp. 133-140, Vol 167., Springer DOI: 10.1007/978-981-16-3383-6_13
5. Bhamidipati, R. A., Kalinski., M.E., (2020), "Geotechnical and Electrical Resistivity Properties of Gypsum

Rich Sands", Book Chapter: Advances in Computer methods and Geomechanics, Springer, LNCE Vol 56. Pp. 717-729. DOI: 10.1007/978-981-15-0890-5_59

International Conferences

1. Bhamidipati R.A., J Shaikh, Das,M., Beura, S, Das, (2022) Study of the engineering properties of Bhubaneswar Laterite soils , Proceedings of Indian Geotechnical Conference 2022
2. Bhamidipati R.A., Lav Nayan, Mahato R., (2021), Electrical resistivity measurement of sand, red mud and clay using an inexpensive soil resistivity box, Proceedings of Veda Mladych- Science of youth 2021, pp. 67-75, Slovak University of Agriculture at Nitra
3. Bhamidipati, R. A., Hussain, M. M., Sachan, A., (2019), "Effect of Relative Density on the Non-Linear Elasticity of Sandy Soil", Proceedings of the 7th International Congress on Computational Mechanics and Simulations, IIT Mandi
4. Bhamidipati, R. A., Kalinski., M. E., Bryson, L. S., (2018), "Estimating the Collapse Potential of Gypsum
   Sands Using Shear Wave Velocity Testing", Proceedings: 49th Annual Ohio River Valley Soils Seminar, Kentucky, USA pp. 31-44.

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops. Other Trainings (Attended and/or organized).

1. Co-coordinator of AICTE Sponsored one-week FDP on "Eco-Friendly Infrastructures", C V Raman Global university, Bhubaneswar, from March 7th-11th, 2022
2. Participated in "Saturday-Talk series" conducted by the Civil Engineering Department, C V Raman Global University, Bhubaneswar, September 2022
3. Participated in a One-week ATAL FDP on "Mining and Mineral processing: Advances in Technology and sustainable challenges", at C V Raman Global University, Bhubaneswar from December 14th-18th, 2021
4. Co-coordinator /Host of the one-week ACI webinar on "Sustainable Development in Structural Engineering", Organized by the ACI students Chapter, Civil Engineering Department, C V Raman Global University, Bhubaneswar from July 20th-24th, 2020