


<b>Name of the Faculty</b>	<b>Dr. R.SURESH</b>		
Designation	Assistant Professor		
Date of Joining	07-01-2021		
E - Mail	<a href="mailto:rangasuresh307@pec.edu">rangasuresh307@pec.edu</a>		
<b>Educational Qualifications</b>	<b>Name of the Degree</b>	<b>Institute</b>	<b>Class</b>
Ph. D	Doctor of Philosophy (Civil Engineering)	Pondicherry Central University	Awarded
PG	M. Tech (Geotechnical Engineering)	Malla Reddy Engineering College, Hyderabad	First with Distinction
UG	B.E (Civil Engineering)	Guru Nanak Engineering College, Hyderabad	First with Distinction
<b>Work Experience</b>			
Teaching	3.5 Years		
Research	5 Years		
Industry	-		
<b>Responsibilities held at the central level in college</b>	<ul style="list-style-type: none"> <li>• NAAC Criteria 5 Coordinator.</li> </ul>		
<b>Responsibilities held at the departmental level in college</b>	<ul style="list-style-type: none"> <li>• Member, Board of Studies from 04-06-2022 to till date.</li> <li>• PG Coordinator from 2022 to 2023.</li> <li>• UG Coordinator from 2023 to till date.</li> <li>• UG Mini Projects and Major Projects Coordinator from 2022 to till date.</li> </ul>		
<b>Courses Handled at UG Level</b>	<ul style="list-style-type: none"> <li>• Geotechnical Engineering Course for B. Tech Third Year Students.</li> <li>• Foundation Engineering Course for B. Tech Third Year Students.</li> <li>• Ground Improvement Techniques for B. Tech Final Year Students.</li> <li>• Geotechnical Engineering Laboratory Course for B. Tech Third Year Students.</li> <li>• Surveying Laboratory Course for B.Tech Second Year Students</li> </ul>		
<b>Courses Handled at PG Level</b>	<ul style="list-style-type: none"> <li>• Soil Structure Interaction Course for M. Tech Structural Engineering Second Year Students.</li> </ul>		
<b>Area of Research</b>	<ul style="list-style-type: none"> <li>• Ground Improvement Technics.</li> <li>• Expansive soils.</li> <li>• Unsaturated soils.</li> <li>• Energy Geotechnics.</li> </ul>		

<b>Research Guidance for M. Tech/ Ph. D Students</b>	<ul style="list-style-type: none"> <li>• Guided 1 M. Tech Dissertations.</li> </ul>
<b>Books/ Book Chapters Published</b>	<ul style="list-style-type: none"> <li>• R.Suresh, V. Murugaiyan, (2019). "Experimental studies on influence of alccofine and calcium chloride on geotechnical properties of expansive soil" Proceedings of the Indian Geotechnical Conference 2019, vol 2, Doi: 10.1007/978-981-33-6370-0. Springer publisher, (Scopus indexed).</li> <li>• R.Suresh, V. Murugaiyan, (2020). "Influence of Microstructural and Geotechnical Behaviour of Expansive soil Using Ultra-Fine Slag and Calcium Chloride." Ground Improvement and Reinforced Soil Structures. Springer publisher (Scopus indexed).</li> <li>• R.Suresh, V. Murugaiyan, (2020) "Experimental Study on the Influence of Coir and Calcium Chloride on the Strength Characteristics of Expansive Soil" Sustainable Environment and Infrastructure, Lecture Notes in Civil Engineering (90), Springer publisher, (Scopus indexed). pp 335-348.</li> </ul>
<b>Prominent Research Publications in Conferences</b>	<ul style="list-style-type: none"> <li>• R.Suresh, V. Murugaiyan, (2019). "Experimental study on the influence of coir and calcium chloride on the strength characteristics of expansive soil" 2nd International conference on Environmental Geotechnology, Recycled Waste Materials and Sustainable University of Illinois at Chicago, USA.</li> <li>• R.Suresh, V. Murugaiyan, (2020). "Stabilization of Black Cotton Soil Using Chemical Admixtures" ASCE India conference 2020, Kolkata, India. Special issue in ASCE Library.</li> <li>• R.Suresh, V. Murugaiyan, (2019). "Experimental studies on influence of alccofine and calcium chloride on geotechnical properties of expansive soil" Indian Geotechnical Conference 2019. SVNIT Gujarat, India. pp 1389-1400.</li> <li>• R.Suresh, R.Raja priya, V. Murugaiyan, (2021). "A Critical Appraisal of the Relationship between Liquid Limit and Specific Surface Area and Cation Exchange Capacity of Clays - A Review" Indian Geotechnical Conference 2021. NIT Trichy.</li> <li>• R.Suresh, V. Murugaiyan, (2020). "Influence of Microstructural and Geotechnical Behaviour of Expansive soil Using Ultra-Fine Slag and Calcium Chloride" Indian Geotechnical Conference 2020. Andhra University, Andhra Pradesh, India.</li> <li>• R.Suresh, V. Murugaiyan, (2018) "Amelioration of Highly Sensitive Clay Using Natural Fiber and Chemical Admixture" IEEE international conference on system, computation, automation and networking, Puducherry, India. ISBN: 978-1-5386-4866-7.</li> <li>• R.Suresh and V.Murugaiyan "Shear Strength Behaviour Of Contaminated Soil With Diesel Oil And Fiber Reinforcement -A Review". 4th International Conference on Research Trends in Engineering, Applied Science and Management (ICRTESM-2017) at IETE, Hyderabad, O.U. Campus, Hyderabad.</li> <li>• R.Suresh and V.Murugaiyan "Improvement of clay soil using natural fibers and nano silica-A Review" 2nd international conference on Recent innovations in engineering and Technology (ICRIEAT-2017) ISBN: 978-86647-85-6.</li> </ul>

<b>Prominent Research Publications in Journals</b>	<ul style="list-style-type: none"> <li>• R.Suresh, V. Murugaiyan, (2021) "Influence of Chemical Admixtures on Geotechnical Properties of Expansive Soil." International Journal of Engineering, vol 34 (1) pp. 19-25. (ESCI &amp; Scopus indexed).</li> <li>• R.Suresh, V. Murugaiyan, (2018) "Review of Nano materials for Predicting Strength and Volume Change Behaviour of Expansive Soils" Journal of Geotechnical Engineering ISSN: 2394-1987(Online) Volume 5, Issue 3, pp. 8-13.</li> <li>• R.Suresh, G. Jala devi, V. Murugaiyan (2021). "A Review on Stabilization of Black Cotton Soil by Using Different Admixtures" Journal of Geotechnical Engineering, 8(3), pp. 32-43.</li> <li>• R.Suresh and V. Murugaiyan (2021). "Microstructural Behavior of Expansive Soil Using Calcium Chloride and Alccofine" Materials Today Proceedings journal, Elsevier publisher, (Scopus indexed).</li> <li>• R.Suresh, V. Murugaiyan, (2018) "Improvement of clay soil using natural fibers and nano silica : a review" Indian J.Sci.Res. 17(2): ISSN: 0976-2876 (Print) ISSN: 2250-0138(Online), pp. 252 – 256.</li> <li>• R.Suresh and V. Murugaiyan(2018). Shear Strength Behaviour of Contaminated Soil With Diesel Oil And Fiber Reinforcement –A Review. International Journal of Engineering Technology Science and Research, Volume 4, Issue 6 June 2017.</li> </ul>
<b>Web of Science/Scopus ID</b>	57205367211 <a href="https://www.scopus.com/authid/detail.uri?authorId=57205367211">https://www.scopus.com/authid/detail.uri?authorId=57205367211</a>
<b>Google Scholar ID</b>	NCMMSkEAAAJ <a href="https://scholar.google.com/citations?user=NCMMSkEAAAJ&amp;hl=en">https://scholar.google.com/citations?user=NCMMSkEAAAJ&amp;hl=en</a>
<b>H-Index (As per SCOPUS Database)</b>	3
<b>PROFESSIONAL MEMBERSHIPS</b>	<ul style="list-style-type: none"> <li>• AMIE - Member ID AM177579-3</li> <li>• SMASCE - Member ID 11116414 □</li> </ul>
<b>Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops (Attended)</b>	<ul style="list-style-type: none"> <li>• Attended a NEP 2020 Orientation and sensitization programme under Malaviya Mission Teacher Training programme in National Institute of Technology WARANGAL from 08-01-2024 to 19-01-2024.</li> <li>• Course attended for a 5 day FDP on Effective Teaching and learning of Geotechnical engineering conducted at National Institute of Technology, Warangal during 6th to 12th December 2017.</li> <li>• Course attended for a ten days GIAN Workshop on "Mechanics of Unsaturated soils", conducted at IIT Madras, 10-12-2019 to 20-12-2019.</li> <li>• International workshop on AGERP 2022 UNSATURATED SOILS, May 24-26th 2022.</li> <li>• International workshop on AGERP 2022 BIOGEOTECHNICS, 24-26th February 2022.</li> <li>• International workshop on AGERP 2022 AI &amp; BIG DATA IN GEOTECHNICS, 03rd May 2021.</li> <li>• Attended International webinar series. Geoenvironmental Engineering: Polluted Land, Waste Management&amp; Sustainability/Resiliency, January – December 2021. University of Illinois Chicago, USA.</li> <li>• International workshop on AGERP 2022 ENERGY GEOTECHNICS, 25th and 26th June 2020.</li> <li>• Attended International Virtual Short-Term Course on Futuristic Prospects of Geoenvironmental and Geotechnical Issues of Coal Mine Overburden and Mine Tailings 15th to 18th March 2021.</li> <li>• IPR Workshop –IPR Awareness Programme on 8th February 2022.</li> <li>• Attended International webinar on International webinar on Geotechnical Engineering. (GEOLIVE-2021)</li> </ul>

	<ul style="list-style-type: none"> <li>• Attended National workshop on Recent Advances in Geotechnical for Infrastructure (RAGI 2020).</li> <li>• Attended a Webinar on “Geotechnical Engineering” conducted by Delhi Technological University 2020.</li> <li>• Attended NPCA’s Web Seminar MSE Wall Technology and Design October 26th, 2017.</li> </ul>
<b>Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops (Organized)</b>	<ul style="list-style-type: none"> <li>• Course Coordinator for a 5 day FDP on “Recent Trends in Civil Engineering”, conducted at J B Institute of Engineering and Technology, Moinabad, Hyderabad during 20th to 25th February 2023.</li> <li>• Conducted One-Day workshop on “Research Methodology and Intellectual Property Rights” conducted on 14th September 2021 by Department of Civil Engineering, J.B. Institute of Engineering and Technology, Hyderabad.</li> <li>• Conducted Expert lecture on “Introduction to Building Information Modeling” conducted on 06th November 2021 by Department of Civil Engineering, J.B. Institute of Engineering and Technology, Hyderabad.</li> <li>• Conducted Guest lecture on “Success of Construction Project” conducted on 1st November 2021 by Department of Civil Engineering, J.B. Institute of Engineering and Technology, Hyderabad.</li> </ul>