

Staff Name	:	Ms. R. ADLIN ROSE
Faculty ID	:	TCI06
Designation	:	Assistant Professor
Qualification	:	B.E., M.E
Teaching experience	:	7 YEARS 8 MONTHS
Area of specialization	:	Soil Mechanics & Foundation Engineering
Subjects handling	:	Soil Mechanics, Foundation Engineering, Engineering Geology, Construction Materials, Basic Civil & Mechanical Engineering, Engineering Graphics, Urban Planning and Development, Fluid Mechanics & Professional ethics in Engineering
Journals published	:	<ul style="list-style-type: none"> ● Adlin Rose R, Raahul M N, Nirmal D, Harini P, Kiruthika R, Prem Kumar M & Naresh R published a paper Experimental, Numerical and Microscopic Analysis of Contaminated Clay with Precipitated Silica'. <i>Silicon</i> 15, 1159–1170 (2023). https://doi.org/10.1007/s12633-022-02078-8 ● Adlin Rose R, Kishore Kumar N S, Raja S published a paper on Engineering Behavior of Dredged Soil with Precipitated Silica, <i>Silicon</i>, 5th July, 2018. Rose, R.A., Kumar, N.S.K. & Raja, S. <i>Silicon</i> (2018). https://doi.org/10.1007/s12633-018-9942-9 ● Adlin Rose R, BP Jain, D Ramya and M.Nila, published a paper 'Performance of Contaminated Soil blended with Sodium Silicate' in <i>Silicon</i>, Springer Nature , ISSN:1876-990X, March 2020 ● R. Adlin Rose, M. Subramanian, R. Elakkiyadasan, M. Siva, P. Manoj Kumar, Strength characteristics of sand modified with keratinous chicken feather fiber, <i>Materials Today: Proceedings</i>, 2022, ISSN 2214-7853, https://doi.org/10.1016/j.matpr.2022.04.564.
Conference / workshop attended	:	<ul style="list-style-type: none"> ● Adlin Rose R, Selvarajan V and Ranjith Kumar G M have published a paper on "Swelling and shrinkage Characteristics of soils with Calcium Chloride" in the proceedings of 5th International Conference on Recent Advancements in Chemical, Energy and Environmental Engineering (RACEEE 2020) conducted by SSN College of Engineering, 13th February, 2020. ● Rose, R. Adlin, and K. Ilamparuthi. "Behaviour Of Foundations In Slopes." Published a paper in Indian Geotechnical Conference, 2015. ● B.Sharmila and R.Adlin Rose, Published a paper on "Experimental Investigation of Peat with Stone Industry Waste" "Theoretical and Experimental Advances in

Civil Engineering, May 2018.

- R.Adlin Rose, N.Mirapriya and Apsara Varshini presented a paper titled “Clay modified with chicken feather fibre ” International Conference on Global Environmental Changes and sustainable development (ICGECSD'19), held at Veltech Institute of Science and Technology, Chennai during April 4-5,2019.
- Has secured Elite grade in twelve weeks NPTEL course on “Environmental Geotechnics”
- One week FDP on “Effective teaching & learning practices for design & operation of water supply system”, Organized by Indian Institute of Technology - Madras in Association with Indian Concrete Institute(ICI), on 12/04/19.
- Successfully Completed NITTT Courses on :
Module 1 : Orientation Towards Technical Education and Curriculum Aspects
Module 2 : Professional Ethics & Sustainable Development
Module 3 : Communication Skills, Modes and Knowledge Dissemination
Module 4 : Instructional Planning and Delivery
Module 5 : Technology Enabled Learning and Life-Long Self Learning
Module 6: Student Assessment and Evaluation
- Completed a 12 weeks NPTEL Course titled “Geosynthetics and Reinforced Concrete Structure” during April 2020.
- Completed a 8 weeks NPTEL Course titled “Introduction to Accounting for Civil Engineers” during April, 2020.
- Attended an AICTE Sponsored one week FDP on Research Oriented Project Work Conducted by Curriculum Development Centre Department of NITTTTR, Chandigarh during 24/02/2020 to 28/02/2020.
- Participated in the webinar on “Must know tips for publishing in premium journals” organized by Researcher Academy, Elsevier, Joule, Cell press on 5th March, 2020.
- Participated in the Author Workshop and Scopus Metrics Analytics National Workshop from 28.06.2021 to 30.06.2021 organized by Health Solutions, Elsevier.
- Participated in the MATLAB: An Effective Tool for Academics and Research National ATAL Sponsored FDP from 05.07.2021 to 09.07.2021 organized by Laxminarayan Institute of Technology, R.T.M. Nagpur University.
- Participated in the Failures in concrete structures National Webinar on 30-05-2021 organized by Sree Buddha College of Engineering
- Participated in the Concrete and its advancements National Webinar on 25-06-2021 organized by Vaagdevi college of Engineering, Warangal

- Participated in the "Sustainable Practices in Civil Engineering" National ATAL Sponsored FDP from 14.06.2021 to 18.06.2021 organized by Bangalore University.
- Participated in the Numerical Modelling National Webinar on 23-06-2021 organized by Builders' Association of India, Coimbatore
- Participated in the Repair, Rehabilitation & Retrofitting Techniques of Reinforced concrete Structures National STTP from 28.06.2021 to 03.07.2021 organized by Srinivasa Ramanujan.
- Participated in the International Structural engineering webinar series International Webinar series from 21.06.2021 to 26.06.2021 organized by Lovely Professional University, Punjab
- Participated in the Parking management techniques mixed-use development, International Webinar on 24-06-2021 organized by DIT University. Dehradun.
- Attended one day BRIDGE Conference, 2020 conducted by ICT Academy on 26th February, 2020 at IIT Madras Research Park, Chennai.
- Attended One day seminar on „Structural and Durability Performance of Post Tensioned Bridges and Buildings“, Organized by NIT Warangal, from 20-05- 2019 to 25-05-2019.
- Three day National FDP on Meticulous application of software in civil engineering, Organized by St. Joseph's Institute of Technology, Chennai, from 09-05- 2019 to 11-05-2019.
- Attended one day seminar on Post tensioned bridges and buildings at “IIT Madras in association with Indian Concrete Institute(ICI)”, 12th April 2019.
- Attended one week online FDP on Digital Skills for Smart Teaching for the teachers of colleges and universities organised by Department of Education, Annamalai University, from June 12-18, 2020.
- Attended one week online Short term course on Affordable housing, organised by NITTTR, Chandigarh and ICI from 22-26 June, 2020.
- Attended an one week Indo Japan webinar series on Geotechnics in disaster mitigation from 8-13 June, 2020 conducted by Kyusu University, Japan, NIT Surathkal, Indian Geotechnical Society, Surathkal and IIT, Thirupathi.
- Attended a webinar titled MSME and it's schemes conducted by ED Cell, St.Joseph's Group of Institutions, Chennai on 20 June, 2020.
- Attended a webinar titled What is Rockfall and How is it mitigated conducted by Indian Geotechnical Society, Silchar and NIT, Silchar on 12 June, 2020.
- Attended a webinar titled Introduction to Construction Project management services Primavera 6 conducted by Institute of Real Estate and Finance, Pune on 8 June, 2020.

- Attended has attended a webinar titled 5S Principles on Industrial Safety and Environmental management conducted by Department of Civil Engineering, St. Joseph's College of Engineering, Chennai on 17 June, 2020.
- Attended five days FDP titled Recent Trends in Construction Materials and Technology conducted by Department of Civil Engineering, Government College of Engineering, Coimbatore from 20 to 24th, July, 2020.
- Attended One Week AICTE Sponsored online STTP on Structural Health Monitoring and Seismic Protection of Structures and Infrastructural Systems(Phase-1) conducted by Banari Amman Institute of Technology from 6 to 11th June, 2020.
- Attended a five days Webinar Series on “Sustainable Building and Future Technologies” organized by CSIR-CENTRAL BUILDING RESEARCH INSTITUTE, ROORKEE during July 13-17, 2020
- Attended a webinar titled Highway Infrastructure: Planning and Construction conducted by Jaypee Institute of Technology, Guna and IIT, Jammu on 19 July, 2020.
- Attended the webinar on “Geosynthetic Products and its application” organized by Department of Civil Engineering, S.R College of Engineering and Management, Nagpur on 5th May 2020.
- One day National workshop on Ground Water Modelling, Organized by St. Joseph's Institute of Technology, Chennai, on 02-11-2016.
- One day Seminar on “Codal provisions on Foundation Design - Intercacies” CEG 2nd September 2017.
- Short Term course on “Advanced geotechnical Engineering Theory & Practices” NIT, Trichy 27th November 2017 - 1st December 2017.
- Two days' workshop on “Recent Advancements in Structural Engineering” at MNM Jain Engineering College from November 14-15, 2018.
- Two days' workshop on “Gas Chromatography & Total Station” at St. Joseph's Institute of Technology, Chennai, on 09-11-2018 & 10-11-2018.

