

Google scholar - <https://scholar.google.com/citations?user=oR5dqVsAAAAJ&hl=en>

Research gate - <https://www.researchgate.net/profile/Ramachandran-Arangadurai-2>

Education details

04/2021- Till now	Ph.D.- Geotechnical Engineering National Institute of Technology, Trichy-015
09/2018- 09/2020	ME-Soil Mechanics and Foundation Engineering College of Engineering Guindy, Chennai-25 CGPA-9.47
07/2013- 05/2017	BE-Civil Engineering Velammal Engineering College, Chennai-66 CGPA-8.9
06/2012- 05/2013	Higher Secondary Education Little Flower H S School, Kallakurichi-201 Percentage-92.3%
06/2010- 05/2011	Secondary School Education Little Flower H S School, Kallakurichi-201 Percentage-95.6%

Academic Projects

- *Design of a Water treatment plant. (B.E)*
- *Stabilisation of expansive clay using AlCl₃ and Fly ash. (B.E)*
- *Performance evaluation of footings resting on dispersive soil. (M.E)*
- *Experimental investigation on quantification of unfrozen water content and pore ice induced stress in frozen soil (Ph.D.)*

Publications

- Karthigeyan, S. and Ramachandran, A., 2019. Strength and Compressibility Characteristics of Peat Soil. *International Journal of Engineering Research and Technology*, 8(12), pp.296-302.
- Karthigeyan, S. and Ramachandran, A., 2020. Physical and Engineering Properties of Oil-Contaminated Clay Soil. *International Journal of Engineering Research & Technology (IJERT)*, 9(5), pp.766-763.

Industrial Training

- One month training in **Veda Pile Foundation, Chennai**, regarding Pile construction and Pile load test- May 2019.

Achievements

- University rank holder in UG and PG Program.
- Second Prize in Paper presentation conducted by K.C.G College of Engineering in 2017.
- Endowment Award from CEG for securing first rank in PG.

NPTEL Courses

- Environmental Geotechnics- ELITE TOPPER with GOLD – 98/100
- Expansive soil- ELITE TOPPER with GOLD – 92/100
- Unsaturated soil mechanics – ELITE - 70/100
- Underground Space Technology – ELITE - 69/100

Work Experience

- 12-2025 to Present- Assistant Professor, University College of Engineering, BIT Campus – Anna University Tiruchirappalli.

Ramachandran A

Assistant professor



University College of Engineering BIT Campus, Anna University Tiruchirappalli

Contact

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Linked in -

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Software Skills

- PLAXIS 3D
- L PILE
- AUTOCADD
- RISA 3D
- COMSOL Multiphysics

Area of Interest

- Geotechnical engineering
- Environmental Geotechnics
- Frozen Soil Engineering
- Unsaturated soil mechanics
- Geotechnical Instrumentation

Membership

- Lifetime Member in Indian Geotechnical Society (LM-5454)
- Lifetime Member in Indian Geotechnical Society Trichy Chapter

Personal Details

Date of Birth : 27-06-1996

Marital Status : Single

Nationality : Indian

Father's Name : Arangadurai A

Mother's Name : Sarasu A

Languages known : English, Tamil