

DC Member

Name : Dr. M. Murugan

Last five years publication

- 1) **M.Murugan**, C.Natarajan and K.Muthukkumaran, “REVIEW ON THE BEHAVIOUR OF LATERALLY LOADED PILES”, ADVANCES IN NATURAL AND APPLIED SCIENCES (ANAS) ISSN 1995-0772, Volume 10, No 7 SPL, Jun 2016, pp. 379-385.
- 2) **M.Murugan**, C.Natarajan and K.Muthukkumaran, “SHEAR MODULUS OF SOIL BASED ON SURFACE ROUGHNESS OF CONSTRUCTION MATERIALS”, ADVANCES IN NATURAL AND APPLIED SCIENCES (ANAS) ISSN 1995-0772, Volume 10, No 7 SPL, Jun 2016, pp. 386-391.
- 3) S. Subburaj, K.S. Parthiban and **M. Murugan**, “EXPERIMENTAL STUDY OF THE BEHAVIOUR OF INTERFACES BETWEEN CARBON FIBRE REINFORCED POLYMERS AND SC SOIL” International Journal of Scientific & Engineering Research (IJSER) ISSN 2229-5518, Volume 7, No 5, May 2016, pp. 36-41.
- 4) P. Vijay Prabhu, S. Arther Prabhakar, R. Iyappan and **M. Murugan**, “EXPERIMENTAL STUDY ON MORTAR USING NATURAL ADMIXTURES” International Journal of Scientific & Engineering Research (IJSER) ISSN 2229-5518, Volume 7, No 5, May 2016, pp. 42-44.
- 5) S. Subburaj, P. Pon Dhivakar, M. Sathish Krishnan and **M. Murugan**, “EXPERIMENTAL STUDY ON STRENGTH PROPERTIES OF CONCRETE BY USING NANO SILICA” International Journal of Scientific & Engineering Research (IJSER) ISSN 2229-5518, Volume 7, No 5, May 2016, pp. 45-48.
- 6) R. Mahendran, K. Godwin, T. Gnana Selvan and **M. Murugan**, “EXPERIMENTAL STUDY ON CONCRETE USING SEA SAND AS FINE AGGREGATE” International Journal of Scientific & Engineering Research (IJSER) ISSN 2229-5518, Volume 7, No 5, May 2016, pp. 49-52.
- 7) I. Regina Mary and **M. Murugan**, “EXPERIMENTAL STUDIES OF MECHANICAL AND CORROSION PROPERTIES IN CONCRETE USING MINERAL ADMIXTURES”

International Journal of Application in Engineering & Management (IJAEM) ISSN 2319-4847, Volume 5, No 12, December 2016, pp. 82-92.

8) **M. Murugan**, K. Muthukkumaran and C. Natarajan, “FRP-Strengthened RC Piles. I: Piles under Static Lateral Loads”, Journal of Performance of Constructed Facilities, **ASCE**, ISSN 0887-3828, June 2017, pp. 04017003-1 to 04017003-14.

9) **M. Murugan**, K. Muthukkumaran and C. Natarajan, “FRP-Strengthened RC Piles. II: Piles under Cyclic Lateral Loads”, Journal of Performance of Constructed Facilities, **ASCE**, ISSN 0887-3828, June 2017, pp. 04017004-1 to 04017004-6.

10) M. Shally Alice, **M. Murugan** and V. Jeyanthi Vineetha, “INTERFACE BEHAVIOUR BETWEEN CONCRETE AND BFRP WRAPPED CONCRETE WITH SANDY SOILS” International Journal of Scientific & Engineering Research (IJSER) ISSN 2229-5518, Volume 8, No 6, June 2017, pp. 30-36.

11) G. Alagappan, **M. Murugan** and V. Jeyanthi Vineetha, “INTERFACES BEHAVIOUR BETWEEN CONCRETE AND BFRP WRAPPED CONCRETE WITH SC SOIL” International Journal of Scientific & Engineering Research (IJSER) ISSN 2229-5518, Volume 8, No 6, June 2017, pp. 37-43.

12) J. Prakash Arul Jose, **M. Murugan** and Fleming Prakash, “EXPERIMENTAL STUDY OF BASALT FIBRE REINFORCED POLYMER CONFINED RC DRIVEN PILES SUBJECTED TO VERTICAL LOADS” International Journal of Civil Engineering and Technology (IJCIET) ISSN 0976-6316, Volume 9, No 6, June 2018, pp. 1470-1478.

13) M. Prabu, M. Mohamed Younus and **M. Murugan**, “SOIL STRUCTURE INTERACTION STUDY ON FRP STRENGTHENED RCC PILES UNDER LATERAL LOADS” International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN 2321-9653, Volume 7, No 5, May 2019, pp. 3600-3604.

14) J.P. Annie Sweetlin Jebarani, D. Daniel Thangaraj and **M. Murugan**, “INFLUENCE OF SURFACE ROUGHNESS ON INTERFACIAL SHEAR STRENGTH OF GLASS FIBRE REINFORCED POLYMER AND ABRASIVE CONFINED STEEL WITH SANDY SOILS” Tierärztliche Praxis, ISSN 0303-6286, Volume 40, 2020, pp. 192-202.

15) S. Sidhardhan and **M. Murugan**, “PERFORMANCE OF FRP STRENGTHENED SQUARE CFT COLUMNS CONFINED WITH GLASS FIBRE REINFORCED POLYMERS” Tierärztliche Praxis, ISSN 0303-6286, Volume 40, 2020, pp. 333-342.

- 16) J. Sahaya Ruben, **M. Murugan** and C. Vinoth Kumar “SHEAR PERFORMANCE OF REINFORCED CONCRETE BEAMS STRENGTHENED BY POLYPROPYLENE FIBRE” Tierärztliche Praxis, ISSN 0303-6286, Volume 40, 2020, pp. 1021-1028.
- 17) J. Sahaya Ruben, **M. Murugan** and J. Prakash Arul Jose “THE EFFECT OF ARAMID FIBRE REINFORCED POLYMER COMPOSITES FOR STRENGTHENING RC BEAMS” Journal of Fiber Science and Technology, ISSN 2189-7654, Volume 76(10), 2020, pp. 343-350.
- 18) S. Bright Singh & M. Murugan (2020): Effect of aggregate size on properties of polypropylene and glass fibre-reinforced pervious concrete, International Journal of Pavement Engineering, DOI: 10.1080/10298436.2020.1836562.