

FACULTY PUBLICATIONS(2023-2024)

| SL. NO. | PUBLICATIONS |
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| 1 | Shaji M Jamal, PL Meyyappan, SCIE Journal Paper (2024) - "Strength and durability assessment of high-strength concrete with weathered crystalline rock waste as a sustainable partial replacement for fine aggregate", <i>Materia</i> , http://doi.org/10.1590/1517-7076-rmat-2023-0361 |
| 2 | Rija Johnny, Benny Mathews Abraham and A Sridharan (2024). Effect of Surcharge loads on lime-treated Cochin Marine Clay Subgrades, <i>Indian Geotechnical Journal (Springer)</i> 54, 341-357 DOI:10.1007/s40098-023-00769-6 |
| 3 | Rija Johnny, Mary Rency, Benny Mathews Abraham and A Sridharan, (2023)"Effect of salinity on geotechnical properties of Cochin marine clays", <i>Geomechanics and Geoengineering</i> . DOI: 10.1080/17486025.2024.2338842 |
| 4 | Rija Johnny, Benny Mathews Abraham, Asuri Sridharan, (2023) "Effect of Surcharge loads during curing of lime-Stabilised Cochin Marine Clay", <i>Ground Improvement Journal (Institution of Civil Engineers, UK)</i> DOI:10.1680/jgrim-2022-051 |
| 5 | Mekkara Shanmughan, Sandeep, Withit Pansuk, and Sudharshan N. Raman. "Analysis of nonlinear dynamics of RC slabs under blast loads: A hybrid machine learning approach." <i>Nonlinear Engineering</i> 13, no. 1 (2024): 20220370. DOI: 10.1515/nleng-2022-0370 |