

## RESUME

# Mohammed Haneefa Kolakkadan

E-mail: [mhkolakkadan@gmail.com](mailto:mhkolakkadan@gmail.com) / [mhkletters@gmail.com](mailto:mhkletters@gmail.com)

Contact: 0091-9176856568 / 00974-66917249



LinkedIn Profile: <https://www.linkedin.com/in/mohammed-haneefa-kolakkadan-703114188/>

Research Gate Profile : [https://www.researchgate.net/profile/Mohammed\\_Kolakkadan](https://www.researchgate.net/profile/Mohammed_Kolakkadan)

## PUBLICATIONS

1. Nithya Nair, K. Mohammed Haneefa, Manu Santhanam and Ravindra Gettu, 'A study on fresh properties of limestone calcined clay blended cementitious systems', **Construction and Building Materials**, Elsevier, 254, 2020, 119326
2. K. Mohammed Haneefa, S. Divya Rani, Manu Santhanam, 'Microstructure and geo-chemistry of lime mortar from a heritage structure', **Construction and Building Materials**, Elsevier, 225 (2019), 538-554
3. B. Mahalingam and K. Mohammed Haneefa et al., 'Assessment of hardened characteristics of raw fly ash blended self-compacting concrete', **Perspectives in Science**, Elsevier, 8 (2016), 709-711
4. K. Mohammed Haneefa, Manu Santhanam, F.C. Parida, 'Deterioration of limestone aggregate mortars by liquid sodium in fast breeder reactor environment', **Nuclear Engineering and Design**, Elsevier, 275 (2014), 287-299
5. K. Mohammed Haneefa, Manu Santhanam, F.C. Parida, 'Review of Concrete performance at Elevated Temperature and Hot Sodium Exposure Applications in Nuclear Industry', **Nuclear Engineering and Design**, Elsevier, 258 (2013), 76-88
6. K. Mohammed Haneefa, Manu Santhanam, F.C. Parida, 'Performance characterization of geopolymer composites for hot sodium exposed sacrificial layer in fast breeder reactors', **Nuclear Engineering and Design**, Elsevier, 265 (2013), 542-553
7. K. Mohammed Haneefa, Manu Santhanam, R. Ramasamy, F.C. Parida, 'Hot sodium triggered thermo-chemical degradation of concrete aggregates in the sodium-resistant sacrificial layers of fast breeder reactors', **Nuclear Engineering and Design**, Elsevier, 265 (2013), 654-667
8. K. Mohammed Haneefa, Manu Santhanam, F.C. Parida, 'Thermal performance of limestone mortars for use in sodium cooled fast breeder reactors', **Indian Concrete Journal**, December 2013, 25-41
9. K. Mohammed Haneefa, S. Girish, R.V. Ranganath, B. Saikhya, 'A structural dynamic approach to evaluate modulus of elasticity of cantilever beam', **Applied Mechanics and Materials**, 852 (2016), 483-485
10. Mahima, S., Soumya, K., Bahurudeen, A., K. Mohammed Haneefa, Mahalingam, B., 'Advanced machines and automation techniques in modern construction practice and their possible use in India', **Applied Mechanics and Materials**, 852 (2016), 839-842
11. Siva Teja Chopperla, Rajeswari Jupalli, Deepak Kanraj, Bahurudeen, A., K. Mohammed Haneefa, Manu Santhanam, 'Development of an efficient procedure for sustainable low carbon cement manufacturing process', **Applied Mechanics and Materials**, 787(2015), 142-146
12. K. Mohammed Haneefa, Manu Santhanam, F.C. Parida, 'Performance indices of hot liquid sodium exposed sacrificial surface layers in fast breeder reactors', **In book: Advances in Manufacturing Processes**, Sekar et al. (eds.), **Lecture Notes in Mechanical Engineering**©2019 Springer Nature Singapore, DOI: 10.1007/978-981-13-1724-8\_3
13. B. Mahalingam, P. Sreehari, Srinath Rajagopal, S. Ramana Gopal and K. Mohammed Haneefa, 'Mechanical Characterization and Robustness of Self Compacting Concrete with Quarry Dust Waste and Class-F Fly Ash as Fillers', **In book: Advances in Materials and Metallurgy**, Lakshminarayanan et al.(eds.), **Lecture Notes in Mechanical Engineering**©2019 Springer Nature Singapore, DOI: 10.1007/978-981-13-1780-4\_35
14. Srinath Rajagopal, P. Sreehari, B. Mahalingam and K. Mohammed Haneefa, 'On mechanical and thermal properties of concretes with rubber as partial replacement to well graded conventional aggregates', **In book: Advances in Materials and Metallurgy**, Lakshminarayanan et al.(eds.), **Lecture Notes in Mechanical Engineering**©2019 Springer Nature Singapore, DOI: 10.1007/978-981-13-1780-4\_7
15. K. Mohammed Haneefa, Manu Santhanam, F.C. Parida, 'Performance evaluation of limestone mortars for elevated temperature application in nuclear industry', In Concrete Repair, **Rehabilitation and Retrofitting III** – Alexander et al. (eds), © 2012, ISBN 978-0-415-89952-9
16. K. Mohammed Haneefa, Manu Santhanam, F.C. Parida, 'Performance evaluation of sodium resistant mortars as sacrificial layer in fast breeder reactors', **In 9<sup>th</sup> fib International PhD Symposium in Civil Engineering**, H.S. Muller, M. Haist and F. Acosta (eds), ©2012 KIT Scientific Publishing, Germany, 715-721, ISBN. 978-3-8644-858-2