

MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY

MAR IVANIOS VIDYANAGAR, NALANCHIRA, THIRUVANANTHAPURAM -15

Research Publications

Academic Year 2013

1	Neethu Roy, A. Veeraragavan, Pankaj Jain and J. Murali Krishnan, "A Re-look at the Asphalt Mixture Performance Test Protocols and Computational Algorithms", ASTM Journal of Testing and Evaluation, Vol. 41, No. 5, 2013, pp. 1-16
2	Neethu Roy, A. Veeraragavan and J. Murali Krishnan, "Influence of Air Voids of Hot Mix Asphalt on Rutting Within the Framework of Mechanistic - Empirical Pavement Design", Procedia- Social and Behavioural Sciences, Vol. 104, December 2013, pp. 99-108.
3	Neethu Roy, A. Veeraragavan and J. Murali Krishnan, "Interpretation of Flow Number Test Data for Asphalt Mixtures", Institute of Civil Engineers - Transport, UK, August 2013.
4	Jayasree S., Akhil Raj S. R. and Ajimon Thomas 'Strength and Durability of Concrete Containing Recycled Coarse Aggregate', in the proceedings of 'National Seminar on Advances in Structural Engineering' (NASE 2013), Mar Baselios College of Engineering and Technology, December 2013.
5	Jayasree S. and Anju Sam 'Bond Strength of Concrete Containing Crushed Concrete Aggregate', in the proceedings of 'National Seminar on Advances in Structural Engineering' (NASE 2013), Mar Baselios College of Engineering and Technology, December 2013.
6	Jayasree S., Susan Abraham and Delno Christopher 'Flexural Behaviour of Reinforced Concrete Beams with Recycled Coarse Aggregate, in the proceedings of 'National Seminar on Advances in Structural Engineering' (NASE 2013), Mar Baselios College of Engineering and Technology, December 2013.
7	Jayasree S., Akhil Raj S. R., Ajimon Thomas and Asif Abdul Vahab 'Effect of silica fume on the properties of High Performance Concrete', in the proceedings of 'National Seminar on Advances in Structural Engineering' (NASE 2013), Mar Baselios College of Engineering and Technology, December 2013.
8	Jayasree S., Akhil Raj S. R., Ajimon Thomas and Asif Abdul Vahab 'Effect of silica fume on the properties of High Performance Concrete', in the proceedings of 'National Seminar on Advances in Structural Engineering' (NASE 2013), Mar Baselios College of Engineering and Technology, December 2013.
9	Jayasree S., Akhil Raj S. R., Asif Abdul Vahab, Krishnakumar S. and Job Thomas, 'Effect of Silica Fume on the Properties of High Performance Concrete, in the International Conference on 'Recent Advances in Structural Engineering' (RASE 2013), December 2013.
10	Jayasree S., Krishnakumaar S., Job Thomas and Anju Sam 'Bond Strength of Concrete Containing Crushed Concrete Aggregate', in the 'American Journal of Engineering Research'
11	(AJER), Volume 1, 2013, pp. 1-5.
12	Jayasree S., Krishnakumaar S., Job Thomas and Anju Sam 'Bond Strength of Concrete Containing Crushed Concrete Aggregate', in the International Conference on Recent Advances in Structural Engineering' (RASE 2013), December 2013.
13	Jayasree S. and Ruby Abraham, 'Corrosion performance of Concrete with Recycled Aggregate', International Conference on Innovations in Concrete, Indian Concrete Institute, Hyderabad, 2013.
14	Parvathy U, Beena K.P.( 2013), "Spline finite strip bending analysis of functionally graded plate using power-law function", International Journal of Scientific and Engineering Research Res;4(5):166-9
15	Parvathy U and Dr. Beena K. P. (2013), "Spline Finite Strip Bending Analysis of Functionally Graded Plate using the Power Law Function", International Journal of Scientific and Engineering Research, Volume 4, Issue 5, May-2013 .
16	Parvathy U and Dr. Beena K. P. (2013), "Sigmoid Idealisation for the Bending Analysis of Functionally Graded Plate", Proceedings of 14th National Conference on Technological Trends, College of Engineering Trivandrum.

17	Parvathy U. and Dr. Beena K.P.(2013), "Power-law Idealisation for the Bending Analysis of Functionally Graded Plate", Proceedings of First National Conference on Systems, Energy & Environment, Government College of Engineering, Kannur.
18	Parvathy U. and Dr. Beena K.P.(2013), "Exponential idealisation for the bending analysis of functionally graded plates", Proceedings of 2nd International Conference on Modeling and Simulation in Civil Engineering, TKM College of engineering, Kollam.
19	Jaya.S.Pillai and Vijayan N., "Wastewater Treatment: An Ecological Sanitation Approach in a Constructed Wetland", International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol 2 (10), pp.5193-5204, October 2013.
20	Jaya.S.Pillai and Vijayan N., "Wastewater Treatment Coupled With Biomass Production in a Constructed Wetland", Proceedings of National Conference on Technological Trends NCTT, College of Engineering Trivandrum, August 2013.
21	Akhil Raj S. R., Jayasree S. and Ajimon Thomas 'Strength and Durability of Concrete Containing Recycled Coarse Aggregate', in the proceedings of 'National Seminar on Advances in Structural Engineering' (NASE 2013), Mar Baselios College of Engineering and Technology, December 2013.
22	Akhil Raj S. R., Jayasree S., Ajimon Thomas and Asif Abdul Vahab 'Effect of silica fume on the properties of High Performance Concrete', in the proceedings of 'National Seminar on Advances in Structural Engineering' (NASE 2013), Mar Baselios College of Engineering and Technology, December 2013.
23	Akhil Raj S. R., Jayasree S., Asif Abdul Vahab, Krishnakumar S. and Job Thomas, 'Effect of silica fume on the properties of High Performance Concrete, in the 'American Journal of Engineering Research' (AJER), Volume 2, 2013, pp. 1-5.
24	Akhil Raj S. R., Jayasree S., Asif Abdul Vahab, Krishnakumar S. and Job Thomas, 'Effect of silica fume on the properties of High Performance Concrete, in the International Conference on 'Recent Advances in Structural Engineering' (RASE 2013), Decemb2013.
25	Sherin Mathew and N. P. Rajamane, "The effectiveness of nanofilm on the corrosion protection
26	of steel", The International Conference on Advanced Nano Composites for construction materials, 2013, M.G University, Kottayam.
27	K. Rama Raju, M Ansu and Nagesh R Iyer, "A methodology of design for seismic performance enhancement of buildings using viscous fluid dampers", Journal for Structural Control And Health Monitoring (2013), Published online in Wiley Online Library (wileyonlinelibrary.com).