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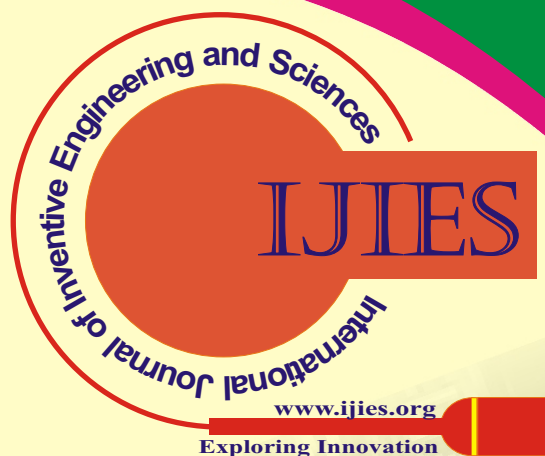
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	<b>Authors:</b>	<b>Syed Afzal Basha, B Jayarami Reddy, C Sashidhar</b>	
	<b>Paper Title:</b>	<b>Compression and Split Tensile Characteristics of Concrete Containing Quarry Residues</b>	
1.		<p><b>Abstract:</b> Waterway sand and pit sand are the most normally utilized fine aggregates for concrete creation in many parts of the world. Huge scale extraction of these materials presents genuine ecological risk in numerous parts of the nation. Aside from the ecological danger, there still exists the issue of intense lack in many regions. In this way, substitute material in place of river sand for concrete production should be considered. The paper means to examine the compressive and split tensile qualities of concrete produced using quarry residue, sand, and a blend of sand and quarry dust. The experimentation is absolutely research facility based. A total of 60 concrete cubes of size 150 mm x 150 mm x 150 mm, and 60 cylinders 150 mm in diameter and 300 mm deep, conforming to M50 grade were casted. All the samples were cured and tested with a steady water/concrete proportion of 0.31. Out of the 60 blocks cast, 20 each were made out of natural river sand, quarry dust and an equivalent blend of sand and quarry dust. It was discovered that the compressive strength and split tensile strength of concrete produced using the blend of quarry residue and sand was higher than the compressive qualities of concrete produced using 100% sand and 100% quarry dust.</p> <p><b>Keywords:</b> Concrete, Quarry dust, Compressive Strength, Split Tensile Strength .</p> <p><b>References:</b></p> <ol style="list-style-type: none"> <li>1. Safiuddin, M., Raman, S. N., and Zain M. F. N. (2007) "Utilization of quarry waste fine aggregate in concrete Mixtures." Journal of Applied Sciences Research, 3(3), 202–208.</li> <li>2. Sing, M. C. P, Tam, C. M. and Love P. E. D. (2012) "Review and exploration of river sand substitutes for concrete production in Asian countries." In Chang, S. Y., Bahar, S. K. A., and Zhao, J. Y. (Eds.), Advances in Civil Engineering and Building Materials, 115–117. CRC Press, Boca Raton, United States.</li> <li>3. Vijaya kumar, A., Revathi, K., and Bharathi, C. (2015) "Strength and durability studies on concrete using quarry dust as fine aggregates." International Journal of Engineering and Technology, 2(7), 383–387.</li> <li>4. Saha, A. K. and Sarker P. K (2017) "Compressive strength of mortar containing ferronickel slag as replacement of natural sand." Procedia Engineering, 171, 689–694.</li> <li>5. Vinay, M., Ramesh, V. Dr., and Geena, G. (2015) "Experimental study on strength characteristics of concrete using fly ash aggregate and quarry dust." International Journal of Civil and Structural Engineering Research, 3(1), 355–359.</li> <li>6. Priyanka, A. J. and Dilip, K. K. (2013) "Effect of replacement of natural sand by manufactured sand on the properties of cement mortar." International Journal of Civil and Structural Engineering, 3(3), 621–628.</li> <li>7. Joel, M. (2010). "Use of crushed granite fine as replacement to river sand in concrete production", Leonardo Electronic Journal of Practices and Technologies, (17), 85–96.</li> <li>8. Kosmatka, S. H., Kerkhoff, B., and Panarese, W. C. (2002). Design and Control of Concrete Mixtures. Portland Cement Association, Skokie, United States.</li> <li>9. Sahu, A. K., Sunil K., and Sachan A. K. (2003) "Crushed stone waste as fine aggregate for Concrete." The Indian Concrete Journal, 77(1), 845–847.</li> <li>10. Prakash, K. S. and Rao, C. H. (2016) "Study on compressive strength of quarry dust as fine aggregate in concrete." Advances in Civil Engineering, 2016, 1–5.</li> <li>11. Mitchell, C. J., Mitchell, P., and Pascoe, R. D. (2008). "Quarry fines minimization: Can we really have 10mm aggregate with no fines?" 14th Extractive Industry Geology Conference, Durham, United Kingdom.</li> <li>12. Nisnevich, M., Sirotnin, G., and Eshel, Y. (2003) "Light weight concrete containing thermal power station and stone quarry waste." Magazine of Concrete Research, 55(4), 313–320.</li> <li>13. Neville, A. M. (1996). Properties of Concrete (4th ed.). John Wiley and Sons, New York, United States.</li> </ol>	1-5
2.		<p><b>Authors:</b> <b>S. Gnana Sophia, K. K Thanammal</b></p> <p><b>Paper Title:</b> <b>Enhancement of Cloud Stationed Healthcare Information Security by Dimensionality Reduction</b></p> <p><b>Abstract:</b> The security of healthcare information can be secured by the use of cloud environment, and takes finite estimating power. The security of patient's data shared over the internet can be distressed by healthcare institutions because of growing high popularity. The Eigen decomposition (ED) and Single Value Decomposition (SVD) of a matrix are relevant to maintain the security and the study of Dimension Reduction and its advantages are also applicable. To reduce the data without loss, Principal Component Analysis (PCA) is used. Fast retrieval methods are critical for many large-scale and data-driven vision applications. Recent work has explored ways to embed high-dimensional features or complex distance functions into a low-dimensional space where items can be efficiently searched. However, existing methods do not apply for high-dimensional kernel based data The proposed method covers how to generalize locality-sensitive hashing and the implementation of Kernel PCA based methods for Dimensionality Reduction can be applied to Medical data provides high security and utilize the resources of the cloud to inhibit data efficiently.</p> <p><b>Keywords:</b> Principle Component Analysis(PCA), Kernel Principle Component Analysis (K-PCA), Single Value Decomposition (SVD), Eigen decomposition (ED).</p> <p><b>References:</b></p> <ol style="list-style-type: none"> <li>1. Mohsen S. Tabatabaei<sup>1</sup>, Mostafa Langarizadeh<sup>2*</sup>, Mohammad K. Akbari<sup>3</sup>, "Security Solutions in Cloud –based Healthcare Information Systems: A Systematic Review" IJCSNS International Journal of Computer Science and Network Security, VOL.18 No.9, September 2018</li> <li>2. <sup>1</sup>Sangeetha Balodhi, <sup>2</sup>Dr. Bhasker Pant "Dimensionality Reduction Problems Targeting Private Cloud Environments" IJCST</li> </ol>	6-10

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