

Recent Projects & Publications

I- Research Project:	Sponsoring Agency	Proj. ID
Multi-Criterion Optimal Design of Reinforced Concrete Beams and Columns: Experimental and Analytical Studies Principal Investigator: Dr. Saeid A. Alghamdi (saghamdi@kfupm.edu.sa); CEE-KFUPM; P. O. Box 1896, Dhahran 31261	KACST * Riyadh, KSA	AT-23-21
II- Journal Publications:	(Impact Factor)	ISI ?
1. Saeid A. Alghamdi, Shamsad Ahmad, and Adamu Lawan, “ <i>Optimization of Concrete Mix Design and Cover Thickness for RC Members under Chloride Exposure</i> ”, submitted to ACI Materials Journal (USA).	0.909 (2014)	Yes
2. Shamsad Ahmad and Saeid A. Alghamdi, “ <i>A Statistical Approach to Optimize Concrete Mixture Design</i> ”, Scientific World Journal (USA), Vol. 2014, No. 561539, February 2014.	1.220 (2013)	Yes
3. Saeid A. Alghamdi and Shamsad Ahmad, “ <i>Service Life Prediction of RC Structures based on Correlation between Electrochemical and Gravimetric Reinforcement Corrosion Rates</i> ”, Cement and Concrete Composites (U.K.), Vol. 47, 2014, pp. 64-68.	3.330 (2014)	Yes
4. Shamsad Ahmad and Saeid A. Alghamdi, “ <i>A Study on Effect of Coarse Aggregate Type on Concrete Performance</i> ”, The Arabian Journal for Science and Engineering (K.S.A.), Vol. 37, August 2012, pp. 1777–1786.	0.367 (2013)	Yes
III- Conference Publications:		
1. Saeid A. Alghamdi and Shamsad Ahmad, “ <i>Multi-Criteria Optimal Design Methodology for Durable RC Members in Corrosive Environments –An Experimental Investigation</i> ”, Proceedings of International Conference on Durability of Concrete Structures, 26-27 November, 2008, Hangzhou, China, pp. 851-860.		
2. Saeid A. Alghamdi Shamsad Ahmad, and Moruf Olalaken Yusuf “ <i>Durability-based Design Performance of Coarse Aggregates used for RC Structures in Corrosive Environments – A Comparative Study</i> ”, Proceedings of International Conference on Durability of Concrete Structures, 6-8 September, 2010, Cape Town, South Africa.		
3. Saeid A. Alghamdi, Shamsad Ahmad and Adamu Lawan “ <i>Corrosion-based Service Life Prediction of RC Structures uses Electrochemical and Gravimetric Methods - A Comparative Study</i> ”, Proceedings of 1 st International Congress on Durability of Concrete (ICDC2012), Trondheim, Norway, June 18-21, 2012.		

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Patents: N/A