


Name	Dr. S. Bhaskar	
Designation	Principal Scientist	
Lab	CSIR -STRUCTURAL ENGINEERING RESEARCH CENTRE	
Areas of Interest	Reinforced Concrete Durability, Service Life Modelling, NDT for concrete and masonry	
Contact Details	Email: bhaskar@serc.res.in Phone: 91-44-2254 9167	

Selected Publications (Past five years)

- Bhaskar, S.,** Radhakrishna G. Pillai, R. Gettu, B.H. Bharatkumar and N R Iyer, (2015) "Use of Portland Pozzolana Cement to enhance the service life of reinforced concrete exposed to chloride attack", ASCE Journal of Materials in Civil Engineering.
- Bhaskar, S.,** B. H. Bharatkumar, R. Gettu, P. Srinivasan, K. Ramanjaneyulu and N R. Iyer, (2015) "Influence of PCE-SP and calcium nitrite inhibitor on mechanical and durability parameters of concrete", Journal of Scientific and Industrial Research, Vol. 74, pp 82-87.
- Bhaskar, S.,** Srinivasan, P., Murthy, S. G. N., Nagesh R. Iyer and Ravisankar, K., (2013) "Evaluation of thickness and defects in concrete using Impact-echo technique", The Indian Concrete Journal, Vol. 87 (1), pp 19-27.
- Bhaskar, S.,** Gettu, R., and Bharatkumar, B.H., (2012) "Accelerated corrosion test on cracked reinforced concrete with and without PCE superplasticizer", International Journal of 3R's, Dr. Fixit Publications, Vol. 3 (1), pp 358-367.
- S. Bhaskar,** Ravindra Gettu, B.H. Bharatkumar, and M. Neelamegam, (2012) "Strength, bond and durability related properties of concretes with mineral admixtures", The Indian Concrete Journal, Vol. 86 (2), pp 9-16.
- S. Bhaskar,** Ravindra Gettu, and B.H. Bharatkumar, (2011) "Corrosion of rebars in reinforced concrete-A review of the corrosion mechanisms, assessment techniques and control measures", Indian Concrete Institute Journal, Vol. 12 (3), pp 35-54 .
- Bhaskar, S.,** Ravindra Gettu, B.H. Bharatkumar, and M. Neelamegam, (2011) "Studies on chloride induced corrosion of reinforcement steel in cracked concrete", Structural Durability and Health Monitoring, Tech Science Press, Vol. 7 (4), pp 231-252.
- Bhaskar, S.,** Ravindra Gettu, B.H. Bharatkumar, and M. Neelamegam, (2011) "Chloride-Induced Corrosion of Steel in Cracked OPC and PPC Concretes: Experimental Study", Journal of Materials in Civil Engineering, ASCE, Vol. 23 (7), pp 1057-1066.
- Bhaskar, S.,** Bharatkumar, B.H., Ravindra Gettu and Neelamegam, M., (2010) "Effect of corrosion on the bond behaviour of OPC and PPC concretes", (Special Issue on Sustainable built environment), Journal of Structural Engineering, SERC, Vol. 37 (1), pp 37-42.
- Bhaskar, S.,** Wiggenhauser, H., Srinivasan, P., Murthy, S.G.N., Ravisankar, K., Nagesh R. Iyer and Lakshmanan, N., (2009) "Detection of internal flaws in structural concrete elements by impact-echo technique", (Special Issue on Advances in Non-destructive Testing and Evaluation of Structures), Journal of Structural Engineering, SERC, Vol. 36 (1), pp 7-10.