


Name	Dr. T. Hemalatha	
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Lab	CSIR -STRUCTURAL ENGINEERING RESEARCH CENTRE	
Areas of Interest	Concrete, Material characterization, Fracture studies	
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Selected Publications (Past five years)

1. **T.Hemalatha**, A.Ramachandra Murthy and Nagesh R Iyer, (2015) "Determination of back boundary effect on self compacting concrete beams-A trilinear and bilinear approach" published in International Journal of Fracture.
2. **T.Hemalatha**, M.Gunavadhi, B.Bhuvaneshwari, Saptarshi Sasmal and Nagesh R Iyer, (2015)"Characterization of micro- and nano- modified cementitious system using micro analytical techniques" Cement and Concrete Composites, Vol. 58 , pp 114–128.
3. **T.Hemalatha**, Ananth Ramaswamy and J.M. Chandra Kishen, (2015) "Micromechanical analysis of self-compacting concrete" published in Materials and Structures.
4. **T.Hemalatha**, Ananth Ramaswamy and J.M. Chandra Kishen, (2015) "Simplified mix design approach of self-compacting concrete", Journal of ACI materials, Vol. 112 (2), pp 277-285.