

### LIST OF PUBLICATIONS OF DR.S.ARUL MARY

1. **S.Arul Mary**, J.Venkatesh, “Numerical Investigation on Cold Formed Steel Column with Stiffeners”, Int. J. Advanced Research in Basic Engg. Sci. & Tech (IJARBEST), Vol.5, No.5, May 2019, DOI: 10.20238/IJARBEST.2019.05050029.
2. **S. Arul Mary**, S.Bangarumythili (2019), Spacing and Orientation of stud shear connector in Steel-concrete composite constructions, Journal of Structural Engineering, Volume No.46, issue-4.
3. **S.Arul Mary**, S. Revathi, S.Bangarumythili (2017), ‘Load Transferring Mechanism Of Flexible Shear Connectors’ International Journal of Earth Science and Engineering, ISSN 0974-5904.
4. **S.Arul Mary**, S.Revathy, S.Bangumythili (2016), An Experimental Investigation on Performance of Headed Stud Connectors in Steel-Concrete Composite Beams, International Journal of Engineering Research & Technology (IJERT), ISSN:2278-0181.
5. **S.Arul Mary**, S.Revathy, S.Bangumythili (2016), An Experimental Investigation on Performance of Headed Stud Connectors in Steel-Concrete Composite Beams, International Journal of Engineering Research & Technology (IJERT), ISSN:2278-0181.
6. **S.Arul Mary**, Mr. A.Raju, Mr.R.Prem Kumar, Mr.K.Gomathy Raja,(2015) “ Practical Column Study on Hot Rolled Rectangular Hollow Sections – An Experimental Approach”, International Journal of Mechanical Civil and Control Engineering, Vol. 1, Issue. 2, April, 2015 ISSN (Online): 2394-8868.
7. **S.Arul Mary**, Ms.S.Srimathi, Mr. S.Sudharsan Vakul,(2015) “Quality Assessment of Cement based on its dielectric parameters”, International Journal of Mechanical Civil and Control Engineering, Vol. 1, Issue. 2, April, 2015 ISSN (Online): 2394-8868.
8. **S.ArulMary**, Inclined crack study using NDT technique, The Indian Concrete Journal, Vol.74,No.2,pp.90-92, 2000
9. **S.ArulMary**, Load and Resistance Factor Design [LRFD] Format for Indian Conditions , Journal of INSDAG’s Steel in Construction, Vol.5, No.2,pp.41-51, 2004
10. **S.ArulMary**, Experimental Investigation on Semi-rigid Connections- towards a Cost Effective Construction with Steel , Journal of INSDAG’s Steel in Construction, Vol.6, No.1,pp. 23-29, 2005

11. **S.ArulMary**, Draft IS: 800 Code Based Analysis of Semi-rigid Frames, Journal of INSDAG's Steel in Construction, Vol.6, No.2, pp. 9-19, 2005
12. **S.ArulMary**, Soft Tool to Design CFSS Elements, Journal of INSDAG's Steel in Construction, Vol.12, No.1, pp-55-61
13. **S.ArulMary**, Study on Response Characters of Bolted Double Web Angle Framing Connection through an Experimental Investigation, Journal of Constructional Steel Research,
14. **S.ArulMary**, Appendage of Steel Concrete Composite Truss to an Old Masonry Building, Journal of INSDAG's Steel in Construction, Vol.9, No.1, pp. 47-52.