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LIST OF PUBLICATION FOR THE LAST FIVE YEARS

1. M. Adil Dar,N. Subramanian,**M. Anbarasu**,Hermes Carvalho,and A. R. Dar "Effective Strengthening of Timber Beams: Experimental Investigation", Practice Periodical on Structural Design and Construction,Vol 26(1),pp 10.1061/(ASCE)SC.1943-5576.0000532, (2020).
2. M. Adil Dar ,N. Subramanian ,M. Gupta Baniya ,**M. Anbarasu,** Hermes Carvalho, and A.R. Dar, "Development of an efficient steel truss system using CFS sections: a comparative study with a hot-rolled steel truss", International Journal of Structural Integrity,Vol & pp 10.1108/IJSI-06-2020-0060, (2020).
3. **M. Anbarasu,**A. R. Dar,A.I. Rather,M.Adil Dar, "Effect of external strengthening on the flexural capacity of cold-formed steel beams", Materials Today Proceedings, Vol &pp 10.1016/j.matpr.2020.04.171,2020
4. **M. Anbarasu** and M. A. Dar ,"Axial capacity of CFS built-up columns comprising of lipped channels with spacers: Nonlinear response and design", Engineering Structures,Vol 213 &pp 110559,2020.
5. S,Vijayanand ,**M.Anbarasu** ,"Behavior of CFS built up battened columns: Parametric study and design recommendations", Structural Engineering and Mechanics – An International Journal,Vol 74(3),pp 381-394,2020.
6. M.A.Dar, N.Subramanian, M. Atif,A.R Dar,**M Anbarasu,**JBP Lim, "Efficient cross-sectional profiling of built up CFS beams for improved flexural performance", Steel and Composite Structures – An International Journal,Vol 34(3),pp 333-345,2020.
7. M.A.Dar, N.Subramanian, D.A Dar,A.R Dar,**M Anbarasu**,JBP Lim and S. Mahjoubi, "Flexural Strength of cold-formed steel built-up composite beams with rectangular compression flanges", Steel and Composite Structures – An International Journal,Vol 34(2),pp-171-188,2020.
8. **M. Anbarasu*** and M. A. Dar, "Improved design procedure for battened cold-formed steel built-up columns composed of lipped angles", Journal of Constructional Steel Research,Vol &pp 164 / DOI:10.1016/j.jcsr.2019.105781,2020.
9. M.A.Dar, N.Subramanian, A.I. Rather,A.R Dar,**M Anbarasu**,JBP Lim and M. Atif, "Effect of angle stiffeners on the flexural strength and stiffness of cold-formed steel beams", Steel and Composite Structures – An International Journal,Vol 33(2),pp 225-243,2019.

10. **M Anbarasu*,"**Behaviour of cold-formed steel built-up battened columns composed of four lipped angles: Tests and numerical validation", Advances in Structural Engineering,Vol &pp DOI:10.1177/1369433219865696,2019.
11. **M. Anbarasu*** and M. Ashraf, "Structural behavior of intermediate length cold-formed steel rack columns with C-stitches", Frontiers of Structural and Civil Engineering,Vol 13(4),pp 937-949,2019.
12. **M Anbarasu,** "Simulation of flexural behaviour and design of cold-formed steel closed built-up beams composed of two sigma sections for local buckling", Engineering Structures,Vol 191,pp 549-562,2019.
13. **M Anbarasu,** "Numerical investigation on behaviour and design of cold-formed steel built-up column composed of lipped sigma channels", Advances in Structural Engineering,Vol 22(8),pp 1817-1829,2019.
14. **M Anbarasu*** and M.Venkatesan, "Behaviour of cold-formed steel built-up I-section columns composed of four U-profiles", Advances in Structural Engineering,Vol 22(3),pp 613-625,2019.
15. M.A.Dar, N.Subramanian, A.R Dar,**M Anbarasu**,JBP Lim and M. Atif, "Behaviour of partly stiffened cold-formed steel built-up beams: Experimental investigation and numerical validation", Advances in Structural Engineering,Vol 22(1),pp 172-186,2019.
16. **M Anbarasu** and M.Venkatesan, "Behaviour of cold-formed steel built-up columns: tests and numerical simulation", Journal of Structural Engineering (Madras),Vol 46 (2),pp 134-145,2019.
17. S.Vijayanand and **M. Anbarasu,** "Strength and behavior of cold-formed steel built-up battened columns: tests and numerical validation", Journal of Structural Engineering (Madras),Vol 46(2),pp 154-165,2019.
18. M. A. Dar,N. Subramanian,**M. Anbarasu**, A.R. Dar and James B.P. Lim, "Structural Performance of Cold-formed Steel Composite Beams, Steel and Composite Structures – An International Journal",Vol 27(5),pp 545-554,2018.
19. **M. Anbarasu** and M. Ashraf, "Interaction of local-flexural buckling for cold-formed lean duplex stainless steel hollow columns", Thin-Walled Structures,Vol 112,pp 20-30,2017.
20. **M**. **Anbarasu** and S. Sukumar, "A Numerical Investigation Of Local–Distortional–Lateral-Torsional Buckling Interaction Of Cold-Formed Steel Lipped Channel Beams", Asian Journal of Civil Engineering, Vol18(4),pp 643-656,2017.
21. S.Vijayanand and **M. Anbarasu,** "Effect of Spacers on Ultimate Strength and Behavior of Cold-Formed Steel Built-up Columns", Procedia Engineering,Vol 173,pp 1423-1430,2017.
22. **M. Anbarasu** and M. Ashraf, "Behaviour and design of cold-formed lean duplex stainless steel lipped channel columns", Thin-Walled Structures,Vol 104,pp 106-115,2016.
23. **M**. **Anbarasu** and S. Sukumar , "Experimental Study on the Behaviour of Intermediate Length Web Stiffened Cold-Formed Steel Columns with Perforated Spacers", Asian Journal of Civil Engineering,Vol 17(7),pp 958-968,2016.

24. **M. Anbarasu,** "Local-Distortional Buckling Interaction on Cold-Formed Steel Lipped Channel Beams", Thin -Walled Structures,Vol 98,part B,PP 351-359,2016.
25. **M. Anbarasu** and G.Murugapandian, "Experimental study on cold-formed steel web stiffened lipped channel columns undergoing distortional–global interaction", Materials and Structures, Vol- 49(4), pp- 1433-1442,2106.
26. **M. Anbarasu ,** K.Kanagarasu and S.Sukumar, "Investigation on the behaviour and strength of cold-formed steel web stiffened built-up battened columns", Materials and Structures,Vol 48(12), pp 4029-4038,2015.