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LIST OF PUBLICATIONS FOR THE LAST FIVE YEARS

S. No.	Author(s)	Title	Name of Journal	Volume	Page	Year
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	26(1)	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	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	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	213	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	74(3)	381-394	2020
6	M.A.Dar, N.Subramanian, M. Atif A.R Dar,	Efficient cross-sectional profiling of built up CFS beams for improved	Steel and Composite Structures – An	34(3)	333-345	2020

	M Anbarasu JBP Lim	flexural performance	International Journal			
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	34(2)	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	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	33(2)	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	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	13(4)	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	191	549-562	2019
13	**M Anbarasu**	Numerical investigation on behaviour and design of cold-	Advances in Structural Engineering	22(8)	1817-1829	2019

		formed steel built-up column composed of lipped sigma channels				
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	22(3)	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	22(1)	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)	46(2)	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)	46(2)	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	27(5)	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	112	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	18(4)	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	173	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	104	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	17(7)	958-968	2016
24	**M. Anbarasu**	Local-Distortional Buckling Interaction on Cold-Formed Steel Lipped Channel Beams	Thin -Walled Structures	98, Part B.	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	49(4)	1433-1442	2016
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	48 (12)	4029 - 4038	2015