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Publications during last five years (2016-2020)

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.1943-5576.000532	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, M Anbarasu JBP Lim	Efficient cross-sectional profiling of built up CFS beams for improved flexural performance	Steel and Composite Structures – An International Journal	34(3)	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	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-formed steel built-up column composed of lipped sigma channels	Advances in Structural Engineering	22(8)	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	22(3)	613-625	2019
15	M.A.Dar, N.Subramanian, A.R Dar, M Anbarasu , JBP Lim and M. Atif	<u>Behaviour of partly stiffened cold-formed steel built-up beams:</u> <u>Experimental investigation and numerical validation</u>	Advances in Structural Engineering	22(1)	172-186	2019
16	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
17	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
18	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
19	M. Anbarasu	Local-Distortional Buckling Interaction on Cold-Formed Steel Lipped Channel Beams	Thin -Walled Structures	98, Part B.	351 - 359	2016

20	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
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Above papers were published in Scopus indexed journals.

Books/Reports/Chapters/General articles etc.

S. No.	Title	Author's Name	Publisher	Year of Publication
1	Draught Man Civil – Theory (English) For H.S.C Vocational Stream Students	Dr. P.Perumal, Prof.V.Rajkumar, Prof.M.Anbarasu , Th. R.Ravi and V.V. Balaji	Tamil Nadu Text Book Corporation, Government of Tamil Nadu, Chennai.	2011
2	Draught Man Civil – Theory (Tamil) For H.S.C Vocational Stream Students	Dr. P.Perumal, Prof.V.Rajkumar, Prof.M.Anbarasu , Th. R.Ravi and V.V. Balaji	Tamil Nadu Text Book Corporation, Government of Tamil Nadu, Chennai.	2011
3	Draught Man Civil – Practical (English) For H.S.C Vocational Stream Students	Dr. P.Perumal, Prof.V.Rajkumar, Prof.M.Anbarasu , Th. R.Ravi and V.V. Balaji	Tamil Nadu Text Book Corporation, Government of Tamil Nadu, Chennai.	2011
4	Draught Man Civil – Practical (Tamil) For H.S.C Vocational Stream Students	Dr. P.Perumal, Prof.V.Rajkumar, Prof.M.Anbarasu , Th. R.Ravi and V.V. Balaji	Tamil Nadu Text Book Corporation, Government of Tamil Nadu, Chennai.	2011

