

Dr.R.Senthil
List of Publications (Last 5 years)

International Journals:

1. Gopinath. M and **Senthil. R**, 'Experimental and Finite Element Analysis of Tubular conveyor Gallery', Journal of Structural Engineering, Vol 45, No. 2, June – July 2018, pp. 148-154.
2. Sangeetha. P and **Senthil. R**, 'Experimental Study on the Service Load Behaviour of the Composite Space Truss', Journal of Structural Engineering, CSIR-SERC, Vol 44, No. 6, February – March 2018, pp. 632-636.
3. Prabha. P, Palani. G. S, Lakshmanan. N and **Senthil. R**, Feb 22, 2018, 'Flexural Behaviour of Steel Foam Concrete Composite Light-Wight Panels', KSCE Journal of Civil Engineering, published online, pISSN 1226-7988, cISSN 1976-3808.
4. Prabha. P, Palani. G. S, Lakshmanan. N and **Senthil. R**, 'Behaviour of Steel-Foam concrete composite panels under In-Plane Lateral Load', Journal of Constructional Steel Research, Volume 139 C, December 2017, pp.437-448.
5. Prabha. P, Leela Bharathi. S. M, Palani. G. S, **Senthil. R** and Theenathayalan. R, 'FEA simulation of connection behavior between Steel -Foam concrete composite panels', Journal of Structural Engineering, CSIR-SERC, vol. 43, no.6, Feb – March 2017, pp. 529-538. (Annexure – 2).
6. Punitha Kumar. A and **Senthil. R**, 2016, 'Axial Behaviour of CFRP-Strengthened Circular Steel Hollow Sections', Arabian Journal for Science and Engineering, Vol 41, No. 10, pp.3841-3850. ISSN: 1319-8025 (Annexure I). IF – 0.367.
7. Punitha Kumar. A and **Senthil. R**, 2016, 'Axial Behaviour of CFRP-Strengthened CHS under axial static and axial cyclic loading', KSCE Journal of Civil Engineering, Vol 20, No. 4, pp.1493-1500, ISSN: 1226-7988 (Annexure I). IF – 0.484.
8. Raghunathan. M.D, **Senthil. R** and Palani. G. S, 2016, 'On the Tensile capacity of Single – Bolted Connections between GFRP Angles and Gusset Plates – Testing and modelling', Structural Engineering, KSCE Journal of Civil Engineering (0000) 00(0):1-14. DOI:10.1007/s12205-016-1102-4; pISSN1226-7988, eISSN 1976-3808. www.springer.com/12205, Impact Factor = 0.6(as on 2016)
9. Arun sundaram. B, Ravisankar. K, **Senthil. R** and Parivallal. S, 2016, 'Wireless Strain Sensing System for Condition Assessment of Civil Infrastructures'.GRADEVINAR, Vol. 68, No. 3, pp 221-227. (IF=0.202)

10. Prabha. P, Palani. G. S, **Senthil. R**, Marimuthu. V, Saravanan. M and Surendaran M 2015, 'Numerical simulation of Steel-Foamed concrete composite wall panels', Journal of Structural Engineering, CSIR-SERC, Special Issue, vol. 42, no. 1, Apr – May 2015, pp. 8-14, (Annexure-2)

11. Raghunathan. M.D, **Senthil. R** and Palani. G. S, 2015, 'Glass Fibre Reinforced Polymer Composite in Transmission Line Towers', Journal of Structural Engineering (Madras), February-March 2015, vol.41, No.6, pp. 41-54, ISSN 0970013-7.