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PUBLICATIONS:

1. Arthi S and **Jaya K P** (2020), "Seismic Performance of Precast Shear Wall–Diaphragm Connection: A Comparative Study with Monolithic Connection", *International Journal of Civil Engineering*, Volume No 18(4), PP. No. 9-17.
2. Arthi S and **Jaya K.P** (2020), "Experimental Study on Shear Behaviour of Precast Shear Wall–Slab Dowel Connection", *Asian Journal of Civil Engineering*, (Published Online) <https://doi.org/10.1007/s42107-020-00229-z>.
3. Arthi S and **Jaya K P** (2019), "Seismic Performance of Precast Shear Wall- Slab connection under Cyclic loading: Experimental test vs Numerical analysis", *Earthquake Engineering and Engineering Vibration* (Accepted for Publication on 18-Dec-2019).
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5. Surumi R. S. and **Jaya K.P.** (2019) Lateral Load Resistance of a Novel Connection Detailing for Structural Wall-Floor Slab Joint Region, *Structures Congress 2019, ASCE*, <https://doi.org/10.1061/9780784482247.026>, July 2019
6. **Vanuvamalai, A**, Jaya, KP & Balachandran, V (2018), 'Seismic performance of tunnel structures: a case study', **Natural Hazards**, *Journal of the International Society for the Prevention and Mitigation of Natural Hazards*, vol.93, no.1, pp.453-468, ISSN : 0921-030X (Annexure I). (Impact Factor: 1.833).
7. **Vanuvamalai, A** & Jaya, KP, (2018), 'Design analysis of an underground tunnel in tamilnadu', *Journal Archives of Civil Engineering*, vol. 64, issue 1 (Available on-line from 17.05.2018) DOI: 10.2478 /ace-2018-0002. ISSN : 1230-2945 (Annexure I). (Impact Factor: 0.521).
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10. Surumi R. S., **Jaya K.P.** and Greeshma S. (2015), 'Modeling and Assessment of Shear Wall – Flat Slab Joint Region in Tall Structures', The Arabian Journal for Science and Engineering Vol. 80, No. 4, pp 2201-2217 (IF 0.367)
11. Surumi R. S., **Jaya K.P.** and Greeshma S. (2015), 'Numerical evaluation of structural wall – flat slab connection', Journal Gradevinar, Croatian Association of Civil Engineers, GRAĐEVINAR 67 (2015) 7, pp. 663-672, doi: 10.14256/JCE.1164.2014 (IF 0.216)
12. Sivasubramanian, K, **Jaya, KP** and Ramanjaneyulu, K (2015), 'Improved thermography technique for identifying structural elements under ambient conditions', Current Science, Vol. 108, No. 10, pp - 1882 - 1889.
13. Athiban P, Dickson J, **K.P.Jaya** and S.Selvi Rajan (2015), "POD Analysis on a Gabled Roof Low Rise Building Subjected to Wind Loading", Journal of Energy Power Sources, Vol. 2, No. 1, 2015, pp. 32-39.