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EDUCATION

December 2018	Ph.D., Civil Engineering Indian Institute of Science , Bangalore Thesis: "Isogeometric based formulations for the bending analysis of laminated composite structural element"	(Aug 2012 - Dec 2018)
August 2012	M.Sc. (Engg.), Civil Engineering Indian Institute of Science , Bangalore Thesis title: "Behavior of FRP Strengthened Masonry Under Compression and Shear"	(Aug 2009 - Aug 2012)
May 2009	B.Tech., Civil Engineering National Institute of Technology Karnataka , Surathkal, India	(Aug 2005 - May 2009)

WORK EXPERIENCE

December 2019 Present	Assistant Professor Department of Civil Engineering, National Institute of Technology-Karnataka, Surathkal
December 2018 December 2019	Assistant Professor Department of Civil Engineering, School of Engineering, Shiv Nadar University, Uttar Pradesh

JOURNAL PUBLICATIONS

- **Pavan G. S.**, Ullas S. N., Nanjunda Rao K. S., "Shear behavior of cement stabilized rammed earth assemblages", *Journal of Building Engineering*, 27, 2019, 100966
- **Pavan, G. S.**, Nanjunda Rao, K. S., "Bending analysis of laminated composite plates using Isogeometric collocation method", *Composite Structures*, 176, 715-728, 2017.
- **Pavan, G. S.**, Nanjunda Rao, K. S., "Behavior of brickmortar interfaces in FRP-strengthened masonry assemblages under normal loading and shear loading ", *Journal of Materials in Civil Engineering ASCE*, 28(2), 2015
- Nanjunda Rao, K.S., **Pavan, G. S.**, "FRP-confined brick masonry assemblages under axial compression: experimental and analytical investigations " *Journal of Composites for Construction ASCE*, 19(4), Aug 2014
- **Pavan G. S.**, Ullas S. N., Nanjunda Rao K. S., "Interfacial behaviour of cement stabilized rammed earth: Experimental and numerical study", Submitted to *Construction and Building Materials* (Under review)
- **Pavan G. S.**, Keshava Kumar S, Nanjunda Rao K. S., "Isogeometric variational asymptotic method for bending of laminated composite beams", Submitted to *International Journal of Advances in Engineering Sciences and Applied Mathematics, Springer* (Under review)

CONFERENCES AND SYMPOSIUMS

- **Pavan G. S.**, Keshava Kumar, Nanjunda Rao K. S., “ Isogeometric variational asymptotic beam sectional analysis for laminated composite beams”. INCAM 2019, Bangalore, India, 2019 (Presented the paper).
- Ullas S. N., **Pavan G. S.**, Nanjunda Rao K. S., “Influence of normal stress and bonding techniques on shear bond strength of rammed earth”. International Symposium on Earthen Structures 2018, 22-24 August 2018, IISc, Bangalore, India. (Presented the paper)
- **Pavan G S** and Nanjunda Rao K S. “Analysis of laminated composite plates using Isogeometric collocation method.” VII European Congress on Computational Methods in Applied Sciences and Engineering, Crete, Greece, 5-10 June, 2016. (Presented the paper)
- **Pavan G. S.** and Nanjunda Rao K. S. “ Isogeometric analysis of shells with folds and intersections”. 5th International Congress on Computational Mechanics and Simulation, Chennai,India, 10 -13 December , 2014. (Presented the paper)
- Joshi Amrut Anant, **Pavan G. S.** and Nanjunda Rao K. S. “Shock table test facility: Design and Assessment of characteristics of table motion.” Conference on Infrastructure, Sustainable Transportation and Urban Planning , Bangalore, India, 2010
- **Pavan G. S.** and Nanjunda Rao K. S., “ Study of shear strength of Masonry triplets - with and without FRP overlay”, Fourth annual student symposium, Dept. of Civil Engineering, IISc, Bangalore 2011 (Presented the paper)