

DC MEMBER DETAILS

Name : Dr. B.Arun Sundaram
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LIST OF PUBLICATIONS

- 1) Arun Sundaram, B., Kesavan, K. & Parivallal, S, “Performance evaluation of in-service open web girder steel railway bridge through full scale experimental investigations”, 2019, Structural monitoring and maintenance, Vol. 6, No. 3 (2019) 255-268
- 2) Arun Sundaram, B., Ravisankar, K., Senthil, R. and Parivallal, S, “Wireless strain sensing system for assessing condition of civil infrastructure facilities”, Gradevinar, International journal of Croatian Society of Civil Engineers, 68 (2016) 3, 221-227
- 3) B.Saranya, B.Arun Sundaram, I.Baskar, A.K.Farvaze Ahmed and S.Parivallal, “Studies on the development of data compression algorithm for structural health monitoring applications”, Journal of Structural Engineering, India, January 2017, 43, no.5, pp 520-525
- 4) Arun Sundaram, B., Kesavan, K. & Parivallal, S, “Recent Advances in Health Monitoring and Assessment of In-service Oil and Gas Buried Pipelines”, 2018,Journal of Institution of engineers India, 99, 4, 729-740.
- 5) Arun Sundaram, B., Parivallal, S., Kesavan, K., Farvaze Ahmed, A.K., Ravisankar, K., Ramanjaneyulu, K. and Nagesh R.Iyer, "Condition assessment of a prestressed concrete girder and slab bridge for increased axle loadings", Journal of Scientific and Industrial Research, Vol. 74, November 2015, 99 634-640
- 6) Parivallal, S., Ravisankar, K., Kesavan, K. and Arun Sundaram, B., "Evaluation of insitu stress in concrete structures by core trepanning technique", The Bridge and Structural Engineer, Journal of the Indian National Group of the International Association for Bridge and Structural Engineering, Vol 45, Issue 2, June 2015
- 7) B.ArunSundaram, S.Parivallal, K.Kesavan, A.K.Farvaze Ahmed, Vimal Mohan and K.Ravisankar, “Development of wireless sensor system for condition assessment of civil infrastructures”, ISTE-SRM International Journal of Civil Engineering, vol. 1, issue 1, pp 92-103, January-June 2015.
- 8) K Kesavan, B Arun Sundaram, A K Farvaze Ahmed, S Parivallal, P Biswas, S Bandyopadhyay, K Ravisankar, Umesh Tiwari, “Performance assessment of indigenously developed FBG strain sensors under short-term and long-term loadings”, Sadhana: Volume 40, Issue 2 (2015), Page 577-590 (IF : 0.587)
- 9) Arun Sundaram, B., Ravisankar, K., Senthil, R. and Parivallal, S., “Wireless sensors for structural health monitoring and damage detection-An overview”, The Masterbuilder, Vol.17, No. 5, May 2015, pp 154-162.