


Name	Dr. Srinivas Voggu	
Designation	PRINCIPAL SCIENTIST	
Lab	CSIR -STRUCTURAL ENGINEERING RESEARCH CENTRE	
Areas of Interest	Bridge Engineering, Structural Health Monitoring, Computational Structural Mechanics, Vibration Testing And Signal Analysis, Upgradation And Retrofitting Of Structures	
Contact Details	Email: srinivas@serc.res.in Phone: 91-44-2254 9237	

Selected Publications (Past five years)

- V. Srinivas**, Saptarshi Sasmal, K. Ramanjaneyulu, and K. Ravisankar, (2014) "Performance Evaluation of a Stone Masonry-Arch Railway Bridge under Increased Axle Loads", J. Perform. Constr. Facil. Vol. 28(2), pp 363-375.
- V. Srinivas**, Saptarshi Sasmal and K. Ramanjaneyulu, (2014) "Damage-sensitive features from non-linear vibration response of reinforced concrete structures", Structural Health Monitoring, Vol. 13(3) 233–250.
- V. Srinivas**, Saptarshi Sasmal, Nawal Kishor Banjara, K. Ramanjaneyulu, and Nagesh R. Iyer,(2013) "Health Assessment of a Plate Girder Railway Bridge under Increased Axle Loads", ASCE Journal of Bridge Engineering, Vol. 18, No. 10, pp 969–979.
- V. Srinivas**, S. Sasmal, K. Ramanjaneyulu, C. Antony Jeyasehar, (2013) "Influence of test conditions on modal characteristics of reinforced concrete structures under different damage scenarios", Archives of Civil and Mechanical Engineering, Vol.13, No.4 pp 491 – 505.
- V. Srinivas**, K.Ramanjaneyulu, K.Saravana Kumar, S. Parivallal, K. Kesavan, K. Ravisankar, N. Lakshmanan, & Nagesh R. Iyer, (2013) "Evaluation of Longitudinal Force on a Railway Bridge Based on Strain Measurements", Experimental Techniques, Vol.37, No.1, pp 55-67.
- Saptarshi Sasmal, Balthasar Novák, K. Ramanjaneyulu, **V. Srinivas**, Constanze Roehm, N. Lakshmanan & Nagesh R. Iyer, (2013) "Seismic retrofitting of damaged exterior beam–column joints using fibre reinforced plastic composite–steel plate combined technique", Journal of Structure and Infrastructure Engineering, vol. 9, (2), pp 116-129.
- S. Saibabu, V. Srinivas, Saptarshi Sasmal, N. Lakshmanan, Nagesh R. Iyer,(2013) "Performance evaluation of dry and epoxy jointed segmental prestressed box girders under monotonic and cyclic loading", Construction and Building Materials, Vol. 38, pp 931-940 .
- Srinivas, V.**, Ramanjaneyulu, K., and Antony Jeyasehar, C., (2011) "Multi-Stage Approach for Structural Damage Identification using Modal Strain Energy and Evolutionary Optimization Techniques", International Journal of Structural Health Monitoring, Vol.10(2), pp 219–230.
- V. Srinivas**, C. Antony Jeyasehar, Saptarshi Sasmal and K. Ramanjaneyulu ,(2011) "Multi-Stage Approach for Structural Damage Identification using Modal Strain Energy and Evolutionary Optimization Techniques", International Journal of Structural Health Monitoring, Vol. 10, No. 2, pp 219–230.
- V. Srinivas**, C. Antony Jeyasehar, and K. Ramanjaneyulu, (2011) "Computational methodologies for vibration-based damage assessment of structures", International Journal of Structural Stability and Dynamics, Vol. 13, No. 8, pp1-27.