List of Journal Publications

1. R. Munusamy, D. C. Barton and T. H. C. Childs (2011). Numerical study of the effect of the yield drop phenomenon on the deformation behaviour of a Taylor projectile. IMechE: Part C, 226, pp. 2053-2062.
2. K. Santhosh, M. Muniraju, N.D. Shivakumar and M. Raguraman (2011). Hygrothermal durability and failure modes of FRP for marine applications. Journal of Composite Materials, 46 (15), pp. 18891896.
3. A. Sreenivasan, S. Paul Vizhian, N. D. Shivakumar and M. Raguraman (2011). A study of microstructure and wear behaviour of Al/TiB2 metal matrix composites. Latin American Journal of Solids and Structures, 8 (1), pp. 1-8.
4. M. Raguraman and D.C. Barton (2010). Lightweight impact crash attenuators for small formula student race car. International Journal of Crashworthiness, 15 (2), pp. 223-234.
5. M. Raguraman, A. Deb and N. K. Gupta (2010). Semi-empirical procedures for estimation of residual velocity and ballistic limit for impact on mild steel plates by projectiles. Latin American Journal of Solids and Structures, 7 (1), pp. 63-76.
6. M. Raguraman, A, Deb and G. Jagadeesh. (2009) Numerical study of projectile impact on thin aluminium plates. Journal of Mechanical Engineering Science, 223 (C11), pp. 2519-2530.
7. M. Raguraman, A. Deb and N. K. Gupta. (2009) CAE-based prediction of projectile residual velocity for impact on single and multi-layered metallic armour plates. Latin American Journal of Solids and Structures, 6 (3), pp. 247-263.
8. M. Raguraman, G. Jagadeesh, A. Deb and D. C. Barton (2009). Experimental and numerical investigation of the behaviour of aluminium plates upon ballistic impact. Experimental Techniques, 34(6), pp. 49-60.

9. M. Raguraman, G. Jagadeesh, and A. Deb (2009). Development of an experimental facility for impact testing of armour plates. International Journal of Aerospace Innovations, 1 (1), pp. 45-55.
10. R. Munusamy and D.C. Barton (2009). Behaviour of Roma Plastilina upon blunt headed projectiles. DYMAT, 1, pp. 749-755.
11. R. Munusamy, A. Deb and D.C Barton (2009). Numerical procedure for the prediction of projectile residual velocity for impact on mild steel plates. DYMAT, 2, pp. 1707-1713.
12. A. Deb, M. Raguraman, N. K. Gupta and V. Madhu (2008). Numerical Simulation of projectile impact on mild steel armour plates using LS-DYNA, Part I: Validation. Defence Science Journal, 58 (3), pp. 422-438.
13. M. Raguraman, A. Deb, N. K. Gupta and D. K. Kharat (2008). Numerical Simulation of projectile impact on mild steel armour plates using LS-DYNA, Part II: Parametric Studies. Defence Science Journal, 58 (4), pp.573-581.
14. M. Raguraman, A. Deb and N. K. Gupta (2008). A simulation-driven study of oblique impact of ogival-nosed projectiles on mild steel armour plates. Latin American Journal of Solids and Structures, 5, pp. 225-235.
15. M. Raguraman, A. Deb and N. K. Gupta (2007). A numerical study of projectile impact on mild steel plates. Current Science, 93 (4), pp. 498-506.
16. A. Deb and M. Raguraman (2007). Plat-form based vehicle design for agile responses to market demands. International Journal of Agile Manufacturing, 9 (2), pp. 83-91.