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Publication upload :

1. S. Venkatachalam, S. M. Khaja Mohiddin and H. Murthy, "Determination of damage evolution in CFRP subjected to cyclic loading using DIC", Fatigue & Fracture of Engineering Materials & Structures, 2018, 41, 1412-1425. DOI: 10.1111/ffe.12786.
2. S. Venkatachalam and H. Murthy, "Damage characterization and fatigue modeling of CFRP subjected to cyclic loading", Composite Structures, 2018, 202, 1069-1077. DOI: 10.1016/j.compstruct.2018.05.030.
3. S. Venkatachalam, R. Banjare, H. Murthy and B.C. Rao, "Mechanical testing of micro-specimens of Al6061-T6 using DIC for strain measurement", Experimental Techniques, 2019, 43, 125-135. DOI: 10.1007/s40799-018-0254-1.
4. Sunil Kumar, S. Venkatachalam , Krishnaswamy Hariharan , D Ravi Kumar and H. Murthy, "Influence of Inhomogeneous Deformation on Tensile Behavior of Sheets Processed through Constrained Groove Pressing", Journal of Engineering Materials and Technology, 2019, 141, 041007-1 -041007-10, DOI: 10.1115/1.4043492.
5. R. Udhayaraman, Harini Subramanian, Shantanu S. Mulay and S. Venkatachalam, "Multi-scale approach-based studies on the damage-healing and fracture behavior of plain woven textile composite", Mechanics of Advanced Materials and Structures, 2020, DOI: 10.1080/15376494.2020.1809037.