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 Research Area : Composite Structures



Publication details:

International Journal

- 1) **Ramesh, C**, Hrishi Ragesh, Arumugam, V & Joseph Stanley, A 2012 ‘Effect of Hydrolytic Ageing on Kevlar/Polyester Using Acoustic Emission Monitoring, Journal of Nondestructive Evaluation, Vol 31, Issue 2, pp. 140-147.
- 2) **C. Ramesh**, V. Arumugam, Joseph Stanley, Vijaya Kumar 2013, “Effects Of Hydrolytic Aging On Glass/Epoxy, Kevlar/Epoxy, And Hybrid (Glass/Kevlar/Epoxy) Composites”, International Journal of Engineering Research & Technology, Vol. 2 Issue 5.
- 3) **Ramesh, C**, Joseph Stanley, Arumugam, V, Jefferson Andrew, J & Arunabharathi, S 2014, ‘Effect of Multiple Impacts on GFRP Composite Laminate Exposed to Hydrolytic Aging Condition’, Int. Journal of Vehicle Structures & Systems IJVSS, vol.6, no.1-2, pp. 32-38.
- 4) Jefferson Andrew, **C. Ramesh** 2015, ‘Residual strength and damage characterization of unidirectional glass–basalt hybrid/epoxy CAI laminates’, Arabian Journal for Science and Engineering: pp-2191–4281.
- 5) Jefferson Andrew, J, **Ramesh, C**, Arumugam, V, Poorani S, Santulli C, 2017, “Quasi- Static Indentation Properties of Damaged Glass/Epoxy Composite Laminates Repaired By the Application of Intra-Ply Hybrid Patches”, Polymer Testing, Volume 61, pp. 132–145
- 6) Jefferson Andrew, J, **Ramesh, C**, Arumugam, 2018, “Acoustic emission characterization of local bending behavior for adhesively bonded hybrid external patch repaired glass/epoxy composite laminates”, Structural Health Monitoring 1–18, DOI: 10.1177/1475921718770596.

Conferences

- 1) **C.Ramesh**, A.Ashwin ‘Hydrolytic aging of GFRP composite laminates’ National conference on emerging research & advances in mechanical sciences, 2013 at Velammal Engineering college
- 2) **C.Ramesh**, M.Ramesh, A.Fairoze, P.Lavanya, V.Vijayalakshmi ‘Investigation of the effects of hydrolytic aging on mechanical properties of hybrid composite containing glass and kevlar fiber’ International conference on engineering materials and process, 2017 at Tagore Engineering college

Workshop attended: Composite design, analysis and manufacturing at KCG College of Engineering, 2,

Feb 2018