

Dr.P.Nagaraj Publication details

1. Joining of hybrid AA6063-6SiCp-3Grp composite and AISI 1030 steel by friction welding (2017). *Defence technology*, 13(5), 338-345.
2. Numerical simulation on joining of ceramics with metal by friction welding technique. (2013). In *International Journal of Modern Physics: Conference Series* (Vol. 22, pp. 190-195). World Scientific Publishing Company.
3. Correlation study of IR TNDT analysis with structural failure modes of carbon-fabric-reinforced epoxy composites (2015). *Journal of Engineered Fibers and Fabrics*, 10(1), 155892501501000108.
4. The influence of stiffeners on axial crushing of glass-fabric-reinforced epoxy composite shells (2017). *Journal of King Saud University-Engineering Sciences*, 29(1), 91-101.
5. Characterization of SS/Al₂O₃ functionally graded material coating by plasma spray technique on aluminum plate (2019). *Materials Research Express*, 6(6), 066402.
6. Finite element modelling and simulation of train car body structure using LS-Dyna®. (2015). In *Applied Mechanics and Materials* (Vol. 787, pp. 270-274). Trans Tech Publications Ltd.
7. Finite element modeling of smart piezoelectric beam using ANSYS® (2018). *Materials Today: Proceedings*, 5(2), 7078-7085.