

LIST OF PUBLICATIONS

1. **Baraniraj, A**, Malayalamurthi, R, Vijayan, M, 2015, 'Investigation on Mechanical Properties of Ni-Al₂O₃ Composite Coating on mild steel by Electrodeposition', International Journal of Applied Engineering Research, vol. 10, no. 50, pp. 332-337.
2. **Baraniraj, A**, Malayalamurthi, R, Vijayan, M, 2015, 'Enhancing the Surface Properties of Cast Iron by Nano Composite (Ni - ZrO₂) Coating' International Journal of Applied Engineering Research, vol. 10, no. 19, pp. 14730-14735.
3. **Baraniraj, A**, Malayalamurthi, R & Boovendrarvarman S, 2017, 'Mathematical Modeling and Optimization of Process Parameters for Ni-TiB₂ Nano Composite Coatings Deposited on AA6061', International Journal of Printing, Packaging and Allied Sciences, vol. 5, no.1, pp. 274-284.
4. **Baraniraj, A**, Malayalamurthi, R, 2017, 'Experimental Investigation and Modeling for Electrodeposition of Ni - TiO₂ Nanocomposite Coating on AA6061' Journal of Balkan tribological association, vol.23, no. 4, pp 625-640.
5. **Baraniraj, A**, Malayalamurthi, R, Ayyappan, S, 2018, 'An Experimental Investigation and Mathematical Modeling for Electrodeposition of Ni - ZrO₂ Nanocomposite Coating on AA6061', TAGA journal of graphics technology, vol.14, pp.2560-2569.
6. **Baraniraj, A**, Palanisamy, C, Niranjan, R, Mohan, P, Selvarasan, R, 2018, 'Surface properties of Ni-SiC nano composite electrodeposited coating on aluminium 6061 alloy', International Journal of Innovation In Engineering Research & Management, vol. 5, no.2, pp. 1-9.
7. Arunkumar, P, Elayaraja, R, **Baraniraj, A**, 2019, 'Mechanical Behaviour of Jute and E-Glass Fibre Reinforced Composite Pipes', International Journal for Scientific Research & Development, vol. 7, no. 04, pp. 880-882.
8. Elayaraja, R, Devakumar, K, **Baraniraj, A**, Arunkumar, P, 2019, 'Experimental Investigation Of Natural Composites With Epoxy Resin', International Journal of Research and Analytical Reviews, vol. 6, no. 1, pp. 458-464.
9. **Baraniraj, A**, Gunasekaran, P, 2020, 'Machining And Optimization of Process Parameters For Titanium Alloy In WEDM Using ANN', International Journal of Latest Trends in Engineering and Technology vol. 17, no.1, pp.014-025.
10. Bhardeepan, S, **Baraniraj, A**, 2020, 'MRR And Crack Propagation Behaviour of Burr Cover Plate Bio implants Made By 316L SS & A203 LAS Machined In WEDM', International Journal of Latest Trends in Engineering and Technology vol. 16, no.1, pp.018-025.