

1. **S. Raja, K. Muralidharan ,S. Karthik & K. Rajasuthan**, “Cell Formation Based on New Similarity Coefficient with Operation Sequence and Alternative Routing”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), 4065-4072, 2019
2. **Karthik S, Muralidharan K.** “Design & Fabrication of Power Transmission in Angular Position using Rods” IJSRD - International Journal for Scientific Research & Development| Vol. 6, Issue 02, 2018.
3. **Karthik S. , Muralidharan K, Anbarasan B**, “Material selection for fin based on Thermal analysis using ANSYS and ANN”, International Journal of Mechanical Engineering and Technology (IJMET) Volume 9, Issue 11, November 2018, pp. 560–567.
4. **S.Suthan , K.Muralidharan**, “Experimental Analysis Optimization Of Process Parameters Of Wire EDM On Stainless Steel 316”, International Research Journal Of Engineering And Technology , Volume: 05 Issue: 06, June-2018.
5. **Muralidharan K, and Vasudevan D**, “Performance, emission and combustion characteristics of a variable compression ratio engine using methyl esters of waste cooking oil and diesel blends”, Applied Energy, Vol. 88, pp 3959 – 3968, 2011. (Impact factor: **8.848**, Scopus cited: **336**)
6. **Muralidharan K, Vasudevan D, and Sheeba KN**, “Performance, emission and combustion characteristics of bio diesel fuelled variable compression ratio engine”, Energy, Vol. 36, pp 5385 – 5393, 2011. (Impact factor: **6.082**, Scopus cited: **202**)
7. **Muralidharan K, Vasudevan D**, “Applications of Artificial Neural Networks in Prediction of performance, emission and combustion characteristics of variable compression ratio engine fuelled with waste cooking oil biodiesel”. Journal of the Brazilian Society of Mechanical Sciences and Engineering. Vol. 37-3, pp 915 – 928, 2015.
8. **Karthik S, Muralidharan K**, “Review of Computational Analysis of Performance Characteristics of Nano Particles Blended Biodiesel Fuelled VCR Engine”, International Journal of Applied Engineering Research 10 (39), 29946-29952, 2015.
9. **Sureshkumar K, Vasudevan D, Muralidharan K**, “Performance and exhaust emission characteristics of diesel engine using biodiesel”, International Journal of Applied Engineering Research 10 (39), 29910-29915, 2015.