

## Faculty Profile



### **Dr. Godwin John J.**

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Total Experience (in years): 7

Research Area: Alternative Fuels for IC Engines, Emission and Pollution Control, Engine Component Materials, Fuels & Lubricants.

### **Recent Publications:**

- Emission Characteristics of Third Grade Oil Converted Sesame Biodiesel, Godwin John, J. ; Hariram, V.; Gajalakshmi, B.; Allen Jeffrey, J.; John, Cijil B., International Journal of vehicle Structures & Systems (IJVSS) . 2021, Vol. 13 Issue 3, p265-270.
- Design and Numerical Analysis of Gearless Transmission Used in Small Wind Turbine, Premkumar, M.T. Hariram, V. Seralathan, S. Kumar, P. John, G. Lecture Notes in Mechanical Engineering, 2021, pp. 533–541.
- Assessing the Predicting Capability of RSM and ANN on Transesterification Process for Yielding Biodiesel from Vitis vinifera Seed Oil, Hariram, V. Bose, A. Seralathan, S. Godwin John, J. Micha Premkumar, T., Lecture Notes in Mechanical Engineering, 2021, pp. 753–764.
- Influence of n-butanol on combustion phenomenon of a compression ignition engine
- fuelled with methyl esters of cottonseed and algal oil Hariram, V. Godwin John, J. Seralathan, S. Micha Premkumar, T. Biofuels, 2021, 12(5), pp. 549–558.
- Comparative analysis of combustion, performance and emission phenomenon of a CI
- engine fuelled with algal and cotton seed biodiesel, Hariram, V. John, J.G. Seralathan, S. Micha Premkumar, T., International Journal of Ambient Energy, 2021, 42(6), pp. 636–647.