

Faculty Profile



Dr. S. Nandakumar

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Total Experience (in years): 3.6
Research Area: Magnetics, Electric Vehicle, Power Electronics,

Recent Publications:

Joshuva Arockia Dhanraj, Jenoris Muthiya Solomon, Mohankumar Subramaniam, Meenakshi Prabhakar, Christu Paul Ramaian, **Nandakumar Selvaraju** and Nadanakumar Vinayagam. **Misfire Prediction on Spark Ignition Four-Stroke Engine through Statistical Features using Rough Set Theory Classifier**. International Conference on Technology Innovation in Mechanical Engineering (TIME-2021), Sagar Institute of Science & Technology, Gandhi Nagar, Bhopal, Madhya Pradesh, India, May 2021.

Joshuva Arockia Dhanraj, Christu Paul Ramaian, Jenoris Muthiya Solomon, **Nandakumar Selvaraju**, Mohankumar Subramaniam and Meenakshi Prabhakar. **Development of a Regression Model through Variational Mode Decomposition for the Remaining Useful Life Assessment of a Gear Box**. International Conference on Technology Innovation in Mechanical Engineering (TIME-2021), Sagar Institute of Science & Technology, Gandhi Nagar, Bhopal, Madhya Pradesh, India, May 2021.

Jenoris Muthiya Solomon, Mohankumar Subramaniam, Joshuva Arockia Dhanraj, Nadanakumar Vinayagam, Christu Paul Ramaian, **Nandakumar Selvaraju** and Ramana Johannes Bachmann A. **A Low-Cost Selective Catalytic Reduction System for Diesel Engine Oxides of Nitrogen Control**. International Conference on Technology Innovation in Mechanical Engineering (TIME-2021), Sagar Institute of Science & Technology, Gandhi Nagar, Bhopal, Madhya Pradesh, India, May 2021.

Mohankumar Subramaniam, Jenoris Muthiya Solomon, Joshuva Arockia Dhanraj, Christu Paul Ramaian, Nadanakumar Vinayagam, **Nandakumar Selvaraju** and Ramana Johannes Bachmann A. **Performance Enhancement of Jatropha Methyl Ester Biodiesel by using Oxygen Enrichment in Direct Injection Diesel Engine**. International Conference on Technology Innovation in Mechanical Engineering (TIME-2021), Sagar Institute of Science & Technology, Gandhi Nagar, Bhopal, Madhya Pradesh, India, May 2021.

Mohankumar Subramaniam, Jenoris Muthiya Solomon, Nadanakumar Vinayagam, **Nandakumar Selvaraju**, Joshuva Arockia Dhanraj, Christu Paul Ramaian and Sivabalan A V. **Experimental Investigation on Performance and Emission Characteristics of Karanja Oil Methyl Ester in Direct Injection Diesel Engine**. International Conference on Technology Innovation in Mechanical Engineering (TIME-2021), Sagar Institute of Science & Technology, Gandhi Nagar, Bhopal, Madhya Pradesh, India, May 2021.

Joshuva, A., Jenoris Muthiya, S., Shridhar, V. A., **Nandakumar, S.**, Nadanakumar, V., & Beslin Geo, V. (2020). **Wastage Cost Analysis of Fillet Welding on Boiler**. Journal of Advanced Research in Dynamical and Control Systems, 12(01-Special Issue), 505-511.

Joshuva, A., Ali Mostafaeipour, Sivashanmugam, N., Shridhar, V. A., **Nandakumar, S.**, & Chandrakala, M. (2020). **A Data-Driven Approach for Various Blade Faults Using Vibrational Signals through Histogram Features on a Horizontal Wind Turbine**. Journal of Advanced Research in Dynamical and Control Systems, 12(01-Special Issue), 486-493.