



Mr. M.RAGHU

Assistant Professor

Department

Mechanical Engineering

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Academic Background

M.Tech (Thermal Engineering) – V R Siddhartha Engineering College

B.Tech (Mechanical Engineering) – Aditya Institute of Technology & Management

Mr. M.Raghu has rich experience in the field of thermal engineering. He has taken subjects related to thermal engineering and has been proficient in teaching subjects like Thermodynamics, Fluid mechanics and Machinery Heat Transfer, Refrigeration & Air Conditioning and Thermal Engineering.

He has published 07 papers in various journals which are indexed in Scopus and Science Citation Indexing.

He has published 1 books in the field of thermal engineering.

Research Interests:

Fluid mechanics, CFD simulation, IC engines, Bio fuels.

- A TEXT BOOK ON “Thermodynamic analysis of solar organic Rankine cycle energy analysis of 245fa and R134a” with ISBN no. 978-613-8-84956-7 published on May -2020 (Available on Amazon Platform)
- A paper titled “Thermodynamic Analysis of Various Heat Loss Factors from a Diesel Engine Fueled with Neat Biodiesels” (2021). Available at SSRN: <https://ssrn.com/abstract=3873706> or <http://dx.doi.org/10.2139/ssrn.3873706>.
- A paper titled "Experimental Analysis of Potable Water Generation using Humidified Air" in Research and Applications of Thermal Engineering, in 2021 (SCOPUS Indexed Journal)
- A paper entitled "Biodiesel Production from Waste Cooking Oil using RSM and ANN Techniques" in International Conference on Sustainable Energy Solutions for a Better Tomorrow 2020.