

Venkateswarlu Kavati (ID-1350)



Qualification: UG, MECHANICAL (JNTU HYDERABAD)
B.TECH (1996),
PG JNTU HYDERABAD, THERMAL ENGINEERING, M. TECH, (2006),
PH.D(Thesis Submitted in 2015), JNTU KAKINADA, I.C ENGINES.

Experience: 17 years

Research Interests: Fuel efficiency and emission improvement of diesel engines, Simulation of spray and combustion in diesel engines, Alternative fuels for I.C engines.

Journal Publications/Conference Proceedings: 3

International Journals:

- K.Venkateswarlu, B.S.R Murthy, V.V Subbarao., An experimental investigation to study the effect of fuel additives and exhaust gas recirculation on combustion and emissions of diesel-biodiesel blends. *The Journal of Brazilian Society of Mechanical Sciences and Engineering*, J Braz. Soc. Mech. Sci. Eng. DOI 10.1007/s40430-015-0376-7(Published online June-2015).
- K.Venkateswarlu, B.S.R Murthy, V.V Subba Rao., “Performance and Emission Improvement of Biodiesel Fueled Diesel Engine with Exhaust Gas Recirculation and Ethyl Hexyl Nitrate Additive,” *International Journal of Bio-Science and Bio-Technology*, Vol.7(2), (2015), pp.87-106.
- K.Venkateswarlu, B.S.R Murthy, V.V Subba Rao., The Effect of Exhaust Gas Recirculation and Di-Tertiary Butyl Peroxide on Diesel-Biodiesel Blends for Performance and Emission Studies, *International Journal of Advanced Science and Technology*, Vol 54, pp49-60, 2013.

Academic year	Name of the faculty	Fdp/seminar/workshop/conference/sttpp	Dates
2015-16	K.Venkateswarlu	1. FDP on “Guide to a passionate Teacher” at Griet, Hyd 2. FDP on “NEMS and MEMS” at Griet, Hyd	29 June-04 July 2015 19-21 November 2015