

Updated on: (06/08/2017)



1. Name: LAVA K R
2. Designation: Assistant Professor
3. Department: Mechanical Engineering
4. Academic Background:

	College/University	Department/Specialization
Masters Degree: M.Tech	A.I.T Chikmagaluru / V.T.U. Belagavi	Mechanical Engineering / Thermal Power Engineering
Bachelor Degree: BE	S.T.J.I.T Ranebennur / V.T.U. Belagavi	Mechanical Engineering

5. Contact number: 8892567349
6. Email id: (jitd.in, and any): lavakr@jitd.in
7. Date of joining jitd: 15/06/2015
8. Experience (in years):

Research	Academic
02	05

9. Name of Ph.D. Guide and designation and address: Dr. Ganesh D B,
Prof, & HOD,
Department of Mechanical Engineering,
GMIT, Davangere

10. Publication Statistics:

	International
Conference	02
Journal	12

11. Areas of interest: Internal Combustion Engines, Fluid Mechanics, Turbo machines, Thermodynamics.

12. List of Conferences / Symposiums / Summer Schools / Faculty Development Programs and Workshops Attended or volunteered.
 - Recent Trends in Engineering, Technology and Science – “Effect on Engine parameters by using Bio-Diesel”
 - Advanced Materials, Manufacturing, Management and Thermal Science [AMMT 2016] “Experimental Exploration on the Influence of different Piston Geometry and Injection timing by using Bio-Diesel”

13. List of significant publications (In IEEE citation format)
 - a) International Journals
 - i. IASTER - “Experimental studies on the effect of Threaded Piston geometry on performance combustion and emission of Diesel Engine Fuelled with Simarouba Bio-Diesel”.
 - ii. IJSR - “Using Simarouba as a Bio-Diesel studies of Modified (Threaded) Piston on performance combustion and emission characteristics of Diesel Engine”.
 - iii. IIRIT – “Experimental Investigation For Advance Injection Timing, Injection Pressure And Constant Speed Of Diesel Engine Fuelled With Simorouba As Bio-Diesel On The Effect Of Engine Parameters On Combustion And Emissions”
 - iv. IJSRD – “Effect of Exhaust Gas Recirculation (EGR) on the Engine Performance”
 - v. IRJET – “Experimental Investigation of Bio-Diesel on Electronic Direct Fuel Injection System”
 - vi. IJCTER – “Experimental INVESTIGATION ON the Effect of Different Piston Geometry and Injection Timing by Using Bio-Diesel”
 - vii. IRJET – “Modelling and Validation of Log Pulling Arch”
 - viii. IJSRD – “Design and Fabrication of Log Pulling Arch”
 - ix. IJRDT - “Effect of Green Algae Based Biodiesel on the Performance of Single Cylinder 4-Stroke Diesel Engine”
 - x. IJSRD – “Experimental Investigation on Dry sliding wear Behavior of Aluminum 6061 Metal Matrix Composite”
 - xi. IJRTI – “Investigation of Dry Sliding Wear Behavior of Aluminium 6061 with Ferro-Titanium Metal Matrix Composite”
 - b) International Conference
 - i. Recent Trends in Engineering, Technology and Science – “Effect on Engine parameters by using Bio-Diesel”
 - ii. Advanced Materials, Manufacturing, Management and Thermal Science [AMMT 2016] “Experimental Exploration on the Influence of different Piston Geometry and Injection timing by using Bio-Diesel”