

Faculty Profile - VTU FACULTY ID:

Dr. Ganesh D B

Professor and Head,

Department of Mechanical Engineering,
GM Institute of Technology, Davangere



Vision

Through teaching dedicate myself in research and inspiring students to discover their purpose and potential

Educational Qualifications

1	PhD in Mechanical Engineering from Visvesvaraya Technological University, Belgaum
2	MTech in Heat Power Engineering from KREC Surathkal
3	BE in Mechanical Engineering from Karnatak University, Dharwad

Professional Details

Total Teaching experience: 22 years

Academic / Research Publications

1	Ganesh D. B., G.C. Mohankumar, S. Kumarappa, Biodiesel Characterization and Experimental Analysis on the Blends of Biodiesel Produced from Acid Oil (A Waste Byproduct Of Vegetable Oil Refinery) in a Direct Injection CI Engine for Performance Evaluation and Emission , International Journal on Mechanical & Automobile Engineering (IJMAE), Volume 06, No 09, pp. 25-33, Sept 09 – Nov 09.	International Journal
2	Ganesh D. B., G.C. Mohankumar, S. Kumarappa, Optimization of Injection Timings in Single Cylinder CI Engine using Biodiesel as Fuel, International Journal of Engineering Research and Technology. ISSN 0974-3154 Volume 3, Number 3, pp. 351-358, 2010.	International Journal
3	Ganesh D. B., , S. Kumarappa, Performance of a Biodiesel Fueled Single Cylinder Electronic Injection Compression Ignition Engine, STAR Journal, ISSN: 2226-7522, Jan-mar2013, (2)1,pp 69-73, 2013	International Journal

4	Lava K R, Ganesh D B Experimental investigation for advance Injection timing, injection pressure and constant speed of diesel engine fueled with simorouba as bio-diesel on the effect of engine parameters on combustion and emissions, International Journal Of Innovative Research In Technology (IJIRT), ISSN: 2349-6002, Vol 2, Issue 7, Dec 2015, pp-668-673	International Journal
5	Lava K R, Ganesh D B Experimental Investigation on the Effect of Different Piston Geometry and Injection Timing by using Bio-Diesel, International Journal of Current Trends in Engineering & Research (IJCTER) , e-ISSN 2455–1392 Volume 2 Issue 4, April 2016 pp. 367 – 375	International Journal
6	Ganesh D B , Lava K R Experimental Investigation of Bio-Diesel on Electronic Direct Fuel Injection System, International research journal of Engineering and Technology (IRJET) Volume 3 Issue 7 July 16	International Journal
7	Ganesh D. B. , G.C. Mohankumar, S. Kumarappa, Effect of Biodiesel Derived from Acid Oil and its Blends with Diesel when Directly Injected at Different Injection Timings in Single Cylinder Water Cooled Compression Ignition Engine, International Conference on Convergence of Science & Engineering in Education and Research a Global Perspective in New Millennium, Dayanand Sagar College Engineering, Bangalore, Karnataka, pp 118, April. 21-23, 2010,	International Conference
8	Ganesh D. B. , G.C. Mohankumar, S. Kumarappa, Biodiesel Production from Acid Oil (A Byproduct of Vegetable Oil Refinery) using Extractive Distillation Principle and a Study on Performance Evaluation and Emission Characteristics of CI Engine, International Conference on 'Frontiers in Mechanical Engineering, FIME2010 , National Institute Of Technology Karnataka, Suratkal, TH 110, pp 19, May. 20-22, 2010.	International Conference
9	Ganesh D. B. , G.C. Mohankumar, S. Kumarappa, Development of High Pressure Common Rail Diesel System for Single Cylinder Direct Injection Compression Ignition Engine, International Conference on Advanced Materials, Manufacturing, Management and Thermal sciences(AMMMT-2010) , SIT, Tumkur, TS-50, 83 – 184, Nov 18-19,2010,	International Conference

10	Ganesh D B Parametric studies for improving performance of a biodiesel fuelled single cylinder electronic injection CI engine at Indian Sustainability Congress 2014 held at The Atria Hotel Bangalore from 4-5 march 2014	National Conference
11	Kiran C H Ganesh D B , , Performance characteristics of Honge oil, Fish oil blend with Diesel, International Conference on Current Trends in Engineering and Management (ICCTEM-2014)ME-229, 17 – 19, July 2014, VVCE, Mysore, Karnataka, India	International Conference
12	Ganesh D. B. , S. Kumarappa, G. P. Prabhukumar Development of Direct Methanol Injection for a Two Stroke SI Engine for optimum performance International Conference on Mechanical Engineering 2003(ICME2003) 26-28 December 2003 Dhaka, Bangladesh ICME2003-ABS-03/056	International Conference
13	Ganesh D. B. , S. Kumarappa, Effect of Injection Pressure on the Engine Performance with Blends of Biodiesel and Diesel, The National Conference On Recent Trends In Mechanical Engineering Sciences , SSIT, Tumkur, Karnataka, pp 1-5, Feb.21-22, 2008	National Conference
14	Ganesh D. B. , G.C. Mohankumar, S. Kumarappa, Performance Evaluation and Emission Characterization of Diesel Engine operating on Biodiesel Produced from Acid Oil: A Byproduct of Vegetable Oil Refinery, 21st National Conference on IC Engines & Combustion , BIET, Davangere, Karnataka, pp 211-220 Dec. 10-12,2009,	National Conference
15	Ganesh D. B. , G.C. Mohankumar, S. Kumarappa, Characterization of Biodiesel Produced from Acid Oil: A Byproduct of Vegetable Oil Refinery, National Conference on Modern Trends in Mechanical Engineering , MTME-2010 , Institute of Engineers (India), Mysore Local Center, pp 384-389, On September 24-25 th 2010.	National Conference
16	Dr. Ganesh D B , et.al " Study on Oil content of Pongamia pinnata ecotypes in Davangere and comparison with North Karnataka districts " National conference on Trends and Innovations in Automation, Materials and Thermal Engg.(TIAMTE-15), VTU PG Centre, Mysore on May 21&22, 2015	National Conference

17	Rajesh K, Dr. Ganesh D B, " Solar integrated water pipe configuration " in DELTA 15 at GMIT, Davangere on 4 th & 5 th September 2015.	National Conference
18	Lava K R, Ganesh D B , has presented a paper entitled " Bio-Diesel as a fuel & modified piston for conducting experimental analysis on CI engine " DELTA-15 at GMIT, Davangere on 4 th & 5 th September 2015.	National Conference
19	Lava K R, Ganesh D B Experimental Investigation on the Effect on engine parameters by using biodiesel, International Conference on Recent Trends in Engineering, technology and Science (ICRTES-2016) 12 th & 13 th , Aug 2016, STJIT Ranebennur, Karnataka, India	International Conference
20	Ganesh D B et.al Experimental analysis on the effect of different piston geometry and injection timing by using bio-diesel, International Conference on Advanced Materials, Manufacturing, Management and Thermal Science (AMMMT 2016). 23-24 Sept 2016, SIT Tumkur, Karnataka, India	International Conference
21	Ganesh D B et.al. ANOVA & Response Surface Methodology for the optimization of Fracture toughness Parameters on Jute-Epoxy composites using SENB Specimens, International Conference on Advanced Materials, Manufacturing, Management and Thermal Science (AMMMT 2016). 23-24 Sept 2016, SIT Tumkur, Karnataka, India	International Conference

Awards / Achievements

1	Under Establishment of Centres of Innovative Science & Engineering Education(CISEE) Awarded 30 lakhs to develop advanced Engine testing facilities
2	National Executive Council Member Indian Society for Technical Education New Delhi
3	Guiding 08 PhDs

Workshops / Seminars / Conference attended: 20 Nos

University responsibilities

1	Member Local Inspection Committee (LIC) VTU Belgaum
2	Served as Member Board of Examinations (BOE) Aeronautical Engg (Composite) Board VTU Belgaum
3	Served as Member Board of Examinations (BOE) Mechanical Engg Board VTU Belgaum
4	Served as Member Board of Examinations (BOE) of Davangere University Davangere
5	Served as Member Board of Examinations (BOE) of Kuvempu University Shankargatta Shimoga,

New Technology / Information learnt / exposed

1	Automotive Electronics
2	Biodiesel
3	CI engine Combustion

Membership details

LMISTE	LM31230
MCII	LMC1139

Personal Details

Gender	Male
Date of Birth	29 june
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