



Srishyla Educational Trust (R), Bheemasamudra

GM INSTITUTE OF TECHNOLOGY, DAVANGERE

(Affiliated to VTU Belagavi, Approved by AICTE, New Delhi & Govt. of Karnataka)

Department of Mechanical Engineering

Research Activity



List of Faculties Pursuing Ph.D. in the Department:

Sl.No	Research Scholar Name and USN	USN	Guide Name	Research Title
1.	Doddeshi B C	4GM17PMA02	Dr. Ganesh D.B. GMIT, DVG	Heat Transfer Enhancement in a circular tube using cutouts on twisted tape inserts placed separately from tube wall
2.	Shivayogi Swamy K M	4GM17PMA03	Dr. Ganesh D.B.	Performance, Emission and combustion Characteristics of HCCI engine fueled with hydrogen and biodiesel Injection
3.	Mallikarjuna V B	1MS18PME02	Dr. PB Nagaraj MSRIT, Bengaluru	Heat Transfer enhancement in Heat Exchanger with vortex Generators Using Nano Fluids
4.	Sandeep S H	Qualified Entrance Test	Dr. Srinivasa C.V. GMIT, DVG	Free Vibration Studies on Fiber Metal Laminated Sandwich Panels
5.	Manjunath C B	Qualified Entrance Test	Dr. Srinivasa C.V. GMIT, DVG	Tribological Behavior of Areca Fiber Reinforced Polymer Composites
6.	Praveen Kumar M	Qualified Entrance Test	Dr. Rajakumar D.G. GMIT, DVG	Study and Analysis of Solar Photo Voltaic Supporting Structures subjected to Various Parameters.
7.	Manjunath G B	Qualified Entrance Test	Dr. Bharath K.N GMIT, DVG	Experimental Investigation and Optimal Toughness Design of Fiber Reinforced Composite for Bio Medical Applications
8.	Dileep Kumar S G	Qualified Entrance Test	Dr. Bharath K.N GMIT, DVG	Development and Evolution of Plasma Sprayed Nano Hybrid Ceramics Coating on Super Alloy Substrate.
9.	Jayaprakash J H	Qualified Entrance Test	Dr. Arun K V GEC, Haveri	Development and Characterization of Blended Nano Coating on Aluminum Material
10.	Prashanth H R	Qualified Entrance Test	Dr. Girisha L PESITM, Shimoga	Microstructure, Mechanical and Strengthening Characterization of Aluminum Alloy Based Hybrid Nano- Composites



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List of Research Scholars Registered in the Research Center:

Sl.No	Research Scholar Name and USN	Guide Name	Area of Research	Year of Registration
1.	Kiran C.H. 4GM13PMN01	Dr. Ganesh D.B.	Performance characteristics of alternative fuels in C.I. Engines	2013
2.	Mownesh G.K 4GM15PMJ01	Dr. Ganesh D.B.	A study on the reduction of exhaust emissions using advanced engine operation strategies for different fuel	2015
3.	Rajesh K 4GM15PMJ02	Dr. Ganesh D.B.	Combustion and performance analysis of a CI engine for different fuel and combustion chamber	2015
4.	Lava K.R. 4GM16PMJ02	Dr. Ganesh D.B.	Studies on the effect of engine parameter on the performance characteristics using biodiesel	2016
5.	Doddeshi B C 4GM17PMA02	Dr. Ganesh D.B.	Heat Transfer Enhancement in a circular tube using cutouts on twisted tape inserts placed separately from tube wall	2017
6.	Shivayogi Swamy KM 4GM17PMA03	Dr. Ganesh D.B.	Performance, Emission and combustion Characteristics of HCCI engine fueled with Hydrogen and Biodiesel Injection	2017
7.	Jagadeesh Sannagoudar 4GM17PMA04	Dr. Ganesh D.B.	Performance evaluation of biodiesel on CI engine through the use of fuel additives	2017
8.	Malles B Sanjeevannavar 4GM17PMA05	Dr. Ganesh D.B.	Experimental investigations on Nano-biodiesel blends operated turbocharged CRDI diesel engine	2017
9.	Ashok R Banagar 4GM16PMJ01	Dr. Srinivasa C.V.	Studies on Natural Frequencies of Surface Modified Natural Fibers and Its Polymer Composites	2016
10.	Pavan Kumar 4GM16PMJ04	Dr. Srinivasa C.V.	Buckling and Free Vibration Studies on Flat and Cylindrical Sandwich Skew Panels	2016
11.	Pavan Kumar B.T 4GM17PMA01	Dr. Srinivasa C.V.	A Simple Empirical Model for the Prediction of Acoustical Properties of Natural Fibers	2017
12.	Puneeth H.S 4GM17PMA06	Dr. Srinivasa C.V.	Development of Natural Areca Fiber Reinforced Hybrid Composites for Automotive Brake Pad	2017



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13.	Sampath H.P.	Dr. Srinivasa C.V.	Bending Behavior Of Hybrid Sandwich Curved Panels with Thin-Walled Tubes as Core	2018
14.	Vinayaka K.S.	Dr. Srinivasa C.V.	Flexural Behaviour of Hybrid Sandwich Panel with Natural Fibre Fabric As Intermediate Layer	2018
15.	Sandeep S H	Dr. Srinivasa C.V.	Free Vibration Studies on Fiber Metal Laminated Sandwich Panels	2019
16.	Manjunath C B	Dr. Srinivasa C.V.	Tribological Behavior of Areca Fiber Reinforced Polymer Composites	2019
17.	Murali A.S 4GM16PMJ03	Dr. Rajakumar D.G.	Production of Bio-ethanol from Natural Sources and its Performance Evaluation on Four Stroke SI Engine with CFD Analysis	2016
18.	Amith Kumar 4GM17PMA07	Dr. Rajakumar D.G.	Combustion characterization of gaseous alternative fuels in practical combustion systems- Experimental and Numerical approach	2017
19.	Praveen Kumar M	Dr. Rajakumar D.G.	Study and Analysis of Solar Photo Voltaic Supporting Structures subjected to Various Parameters.	2019
20.	Karthik T	Dr. Basavarajappa D.N.	Experimental Investigations on Nano-Biodiesel Blends and Bio-gas Port Injected Turbocharged CRDI Diesel Dual Fuel Engine	2018
21.	Manjunath G B	Dr. Bharath K.N	Experimental Investigation and Optimal Toughness Design of Fiber Reinforced Composite for Bio Medical Applications	2019
22.	Dileep Kumar SG	Dr. Bharath K.N	Development and Evolution of Plasma Sprayed Nano Hybrid Ceramics Coating on Super Alloy Substrate.	2019