



## DEPARTMENT OF MECHANICAL ENGINEERING

### Project Type Research/ Consultancy

Name of the faculty	Project Title	Project Type Research/ Consultancy	Funding Agency	Amount	Duration	Assessment Year
Dr. Shrishail Kakkeri	Production, Characterisation and Testing of Feasibility of Oils from Waste Sources as Fuels in IC Engines	Research	AICTE-MODROB	17,45,000	2 Years	2019-20
Prof.. Raghavendra P N	Production & Testing of Bio Soap	Research	KSCST	5500/-	6 months	2019-20
Prof. Chandra Prasad B S Prof. Venkatesh Reddy D M	Value Addition to Bio-Fuel by-products	Research	KSCST	6500/-	6 months	2019-20
Prof. Suresh R	Design & fabrication of low cost bio materials for bone replacements	Research	KSCST	5500/-	6 months	2019-20
Dr. Shrishail Kakkeri Prof. Sarvesh S Rane	Fabrication of low cost water purifier using vedic concepts	Research	KSCST	6000/-	6 months	2019-20
Prof. Chandra Prasad B S	PMS cramp relieving belt for women	Research	KSCST	6000/-	6 months	2019-20
Prof. Chandra Prasad B S	Artificial Intelligence Based Assistance Device To Guide Blind People	Research	KSCST	6000/-	6 months	2019-20
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Design and Fabrication of Pyrolysis System	Research	KOC	7,20,000/-	36 Months	2017-18

Dr. Panchakshari H V Prof. Sridhar Deshpande Prof. Amaresh Kumar	Prediction and Failure Analysis on Bore Well Drill Bites	Research	UHC	2,00,000/-	36 Months	2017-18
Prof. Sridhar Deshpande Prof. Shashi Kumar C B	Pin on Disc Wear Testing Machine	Research	SVCE	2,50,000/-	12 Months	2017-18
Prof. Sunil S Prof. Chandra Prasad B S	Study of effect of metal oxide nanoparticles on spent coffee oil biodiesel production and performance/emission tests in a diesel engine	Research	KSBDB	13,000/-	6 Months	2017-18
Prof. Sunil S Prof. Chandra Prasad B S	Design and Fabrication of a Reactor to Convert Municipal Solid Waste to Fuel	Research	VTU	5000/-	6 Months	2017-18
Prof. Sunil S Prof. Chandra Prasad B S	Production of Cardanol From Cashew Shell oil and Study of Effect of Cardanol as Fuel Additive in Simarouba Biodiesel Fuelled Engine.	Research	VTU	5000/-	6 Months	2017-18
Prof. Raghavendra	Fabrication of Water Carrying Drone With a Camera for Agriculture Purpose	Research	KSCST	9000/-	6 Months	2017-18
Prof. Suresh R	Rapid Prototyping Using 3D Printer for Industry and Medical Applications	Research	KSCST	8000/-	6 Months	2017-18
Prof. Naveena H S	Solar based Cutting Machine and Power Generation	Research	KSCST	8000/-	6 Months	2017-18

Prof. Chandra Prasad B S Prof. Puneeth Kumar M V	Optimization of reaction parameters for watermelon biodiesel production using DOE and study of effect of addition of nanoparticles on a diesel engine fueled with watermelon biodiesel blends.	Research	KSBDB	7000/-	6 Months	2016-17
Prof. Sunil S Prof. Chandra Prasad B S	Studies on effect of injection pressure and injection timing on performance and emissions of a 4s single cylinder diesel engine fueled with spent coffee powder biodiesel blends.	Research	KSBDB	9000/-	6 Months	2016-17
Prof. Sunil S Prof. Chandra Prasad B S	Optimization of engine parameters to maximize the fuel economy of a CI engine fueled with tamarind seed biodiesel.	Research	KSBDB	9000/-	6 Months	2016-17
Dr. Prabhakar Reddy Prof. Sunil S	Experimental Investigation on Using Solid fuel slurries in Diesel Engine.	Research	KSCST	6,000/-	6 Months	2015-16
Dr. M Udaya Ravi Prof. Sunil S	Production & Characterization of Biodiesel from Spent Coffee Powder & Performance test in a Diesel Engine	Research	KSBDB	13,000/-	6 Months	2015-16
Dr. Prabhakar Reddy Prof. Sunil S	Study on Effect of Addition of Cobalt Oxide Nano Particles on Performance and Emission of Diesel Engine fuelled with Simarouba Biodiesel blends.	Research	KSBDB	13,000/-	6 Months	2015-16
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Production of Bio Diesel from various sources	Consultancy	VVCE, Mysore	35,000/-	6 Months	2018-19

Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Production and Characterization of Biodiesel from Dairy Scum and Performance Analysis in a CI Engine	Consultancy	R .L. Jalappa Institute of Technology	12,000/-	6 Months	2018-19
Prof. Devendra Reddy M	Design & fabrication of equipment to produce electrical energy through 4 different forms of Renewable Energy	Research	KSCST	9000/-	6 Months	2018-19
Prof. Amaresh Kumar D	Development & Fabrication of Compression Moulding Machine	Research	KSCST	9000/-	6 Months	2018-19
Prof. Raghavendra P Nilugal	Production and Testing of Bio lubricant from Non Edible Components	Research	KSBDB	7500/-	6 Months	2018-19
Dr. Shrishail Kakkeri Mr. Surya Prakash	Pyrolysis	Consultancy	Kuwait Oil Company	1,00,000/-	12 Months	2018-19
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Training on Production of Biofuels	Consultancy	Deepthi Engineers Pvt. Ltd	5,000/-	3 Months	2018-19
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Production of raw Simarouba oil from Decorticated seeds	Consultancy	Reva University	1,000/-	0.5 Months	2018-19
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Optimization of Reaction Parameters of Neem Seed Oil Biofuel Production and Performance Test on a Diesel Engine	Consultancy	MS College Of Engineering	10,000/-	6 Months	2017-18
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Evaluating Engine Characteristics of Hybrid Bio-Diesel Blends Fuel With Diesel Engine	Consultancy	HKBK College Of Engineering	10,000/-	6 Months	2017-18
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Production and Characterization of Biodiesel From Pumpkin Seed Oil And Performance Analysis on a CI Engine	Consultancy	Achutha Institution Of Technology	10,000/-	6 Months	2017-18

Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Experimental Investigations on Production and Usage of Hybrid Biodiesel in CI Engine	Consultancy	Sha-Shib College Of Engineering	10,000/-	6 Months	2017-18
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Optimization of Reaction Parameters of Tamarind Seed Oil Biofuel Production and Performance Test on a Diesel Engine	Consultancy	Sha-Shib College of Engineering	10,000/-	6 Months	2017-18
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Experimental Investigations on Production and usage of Hybrid Biodiesel in CI Engine	Consultancy	HKBK College of Engineering	5,000/-	6 Months	2017-18
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Production and Characterization of Biodiesel from Cardonal and Performance Analysis on a CI Engine	Consultancy	SPCE, Bengaluru	15,000/-	6 Months	2017-18
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Optimization of Reaction Parameters of Tamarind Seed Biofuel Production and Performance Test on a Diesel Engine	Consultancy	Atria Institute of Technology	10,000/-	6 Months	2017-18
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Optimization of Reaction Parameters of Neem Seed Oil Biofuel Production and Performance Test on a Diesel Engine	Consultancy	K.N.S. Institution of Technology	10,000/-	6 Months	2017-18
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Effect of Injection Pressure on Performance Characteristics of a 4 Stroke CI Engine Using Neem Bio Diesel	Consultancy	Dr. Sri Shivakumara Mahaswamy College of Engineering	10,000/-	6 Months	2017-18
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Production And Characterization of Biodiesel From Rubber Seed Oil and Performance Analysis on a CI Engine	Consultancy	Achutha Institute of Technology	10000/-	6 Months	2016-17

Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Study of Effect on Compression Ratio on CI Engine Fueled With Simarouba Bio Diesel Blends	Consultancy	Cambridge Institute of Technology	8000/-	6 Months	2016-17
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Production and Characterization of Hybrid Biofuel from Waste Cooking oil and Pongamia Oil and Performance Analysis on a CI Engine	Consultancy	Sri Revana Siddeshwara Institute of Technology	10000/-	6 Months	2016-17
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Experimental Investigations on Production and Usage of Hybrid Biodiesel in CI Engine	Consultancy	Sri Revana Siddeshwara Institute of Technology	10000/-	6 Months	2016-17
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Optimization of Engine Parameters to Maximize the Performance of a CI Engine Fueled With Biodiesel Blends.	Consultancy	Sri Revana Siddeshwara Institute of Technology	10000/-	6 Months	2016-17
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Experimental Investigations on Production and Usage of Neem Oil as Alternate Fuel for CI Engine	Consultancy	BGS Polytechnic	10000/-	6 Months	2016-17
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Study of Effect of Cardanol as a Fuel Additive in Pongamia Biodiesel Blended Fuel	Consultancy	Sri Revana Siddeshwara Institute of Technology	10000/-	6 Months	2016-17
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Studies on Effect of Addition of Cardanol on Performance of a Diesel Engine Fueled with Neem Biodiesel Blends	Consultancy	R.L. Jalappa Institute of Technology	12000/-	6 Months	2016-17
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Production of hybrid biodiesel from Pongamia and dairy scum and performance evaluation in a Diesel Engine	Consultancy	Sha-Shib Institute of Technology	10,000/-	6 Months	2015-16

Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Experimental Investigations on Production and Usage of Hybrid Biodiesel In CI Engines	Consultancy	RLJIT	10,000/-	6 Months	2015-16
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Production & Characterization of Biodiesel from Cotton seed oil and Performance test in a Diesel Engine	Consultancy	Brindavan College of Engineering	10,000/-	6 Months	2015-16
Dr. Shrishail Kakkeri Prof. Sunil S Prof. Chandra Prasad B S	Production & Characterization of Biodiesel from Waste cooking oil and Performance test in a Diesel Engine	Consultancy	Achutha Institute of Technology	10,000/-	6 Months	2015-16