

### List of KSCST Funded Projects

SI No	Academic Year	Title of the Project	Guide Name	Sanctioned Amount(₹)
1.	2005-06	Production Of Biodiesel From Algae	Dr. Manjunatha T S	4000
2.	2005-06	Design And Fabrication Of Solar Still	Dr. Basavarajappa D N & Dr. Rajakumar D G	3000
3.	2005-06	Aero Wind Generator (hybrid System)	Dr. Ganesh D B & Dr. Rajakumar D.G.	4000
4.	2006-07	Mechanical Characterization Of ArecaComposites-An Experimental Study (Best Project of the Year Award)	Dr.Srinivasa C V	4000
5.	2007-08	Chacterization And Property Evaluation Of Rice Husk Filled Polymer Matrix Composites.	Dr. Muruges M C	3000
6.	2007-08	Composite Material Using Banana Stem Fibres	Dr. Manjunatha T S	4000
7.	2007-08	Effect Of Matrix And Composite Curing Time On Mechanical Behaviour Of Areca Composites - An Experimental Study (Best Project of the Year Award)	Dr.Srinivasa C V	4000
8.	2007-08	Production Of Biomass Briquettes By Areca Nut Shells	Dr. Basavarajappa D N	4000
9.	2007-08	Semi-Automatic Cloth Washing Machine Attached To Gymnasium Equipment	Mr. Mallikarjuna M S	6000
10.	2007-08	ZEV (ZERO Emission Vehicle)	Harsha H M	5000
11.	2008-09	Crash Sliding System	Dr. Basavarajappa D N	2500
12.	2008-09	Construction of an Automated Packing Machine	Harsha H M	6000

13.	2009-10	Auxilliary Automatic Vehicle	Dr. Rajaneesh N. Marigoudar	6000
14.	2009-10	Dry chilly de seeding unit	Dr. Sreedhar B R	3000
15.	2010-11	Design and Fabrication of Tomato Seed Extractor	Mr.Suresh Babu S U	6500
16.	2010-11	Conversion of eco unfriendly plastic into fuel	Dr. Basavarajappa D N	3500
17.	2012-13	Generation of power from engine exhaust gas	Dr. Ganesh D B	7000
18.	2012-13	Uppage oil characteristics and performance analysis of CI engine.	Dr. Basavarajappa D N	8000
19.	2013-14	Investigations and Efficacy of Lube-Oil Viscosity on Performance of Spark Ignition Engines	Dr. Basavarajappa D N	5500
20.	2014-15	Arecanut bunch beater (Best Project of the Year Award)	Dr. Muruges M C	6000
21.	2014-15	Biofuel availability in and around Davangere district and extraction	Dr. Ganesh D B	6000
22.	2014-15	Production of Biodiesel and Glycerine using Dairy Waste	Dr Rajkumar D G	8500
23.	2015-16	Can crushing machine	Dr.Srinivasa C V	5000
24.	2015-16	Design and development of continues type rice husk gasifire	Mr. Basavarajappa S	6000
25.	2015-16	Performance test on CI engine using the bio diesel extracted from terminalia cattappa seeds	Dr.Ganesh D B	10000
26.	2015-16	Hybrid bike by REEV technology	Nandeesh H L	5000
27.	2016-17	Family Sized portable biogas plant	Dr.Ganesh D B & Mr.Doddeshi B C	7000
28.	2016-17	A novel approach for the development of biobased	Dr. Bharath K N	6000

		composite for circuit board applications		
29.	2016-17	Solar panel cleaning by automated wiper mechanism	Mr. Siddaraj S B	7000
30.	2016-17	Design and fabrication of multipurpose handling machine	Dr. Basavarajappa D N	6000
31.	2017-18	Properties Of Material At Cryogenic Temperature	Mr. Prashanth H R	4000
32.	2017-18	Design And Development Of Onion Topping And Sorting Machine	Mr. Sandeep S. H.	8000
33.	2017-18	Experimental Study On Fabrication Of Different Types Of Finned Counter Flow Heat Exchanger	Mr. Mallikarjuna V B	6000
34.	2018-19	Design And Development Of Solar Flat Bed Drier With Reversible Air Flow	Dr. Mudasar Pasha B. A.	8000
35.	2018-19	Thermal Analysis Of Pottery Mud	Dr. Rajakumar D.G.	5000
36.	2018-19	Smart Monitoring Of Electric Bike Using Iot	Dr. Sreedhar B R	8000
37.	2018-19	Characterization And Performance Of Si Engine Using Kitchen Waste Biogas	Mr. Mallikarjuna V B	7500
38.	2019-20	How Safe Is Paper Cups? Study On Replacement Of Wax Film Coating With Eco Friendly Bio Degradable Film Coating In Paper Cups	Dr. Rajakumar D.G.	5500
39.	2019-20	Development Of Bio-Nutrient Plate	Dr. Rajakumar D.G.	5000
40.	2019-20	Implementation Of Green House Effect In Solar Flat Bed Dryer With Reversible Air Flow	Dr. Mudasar Pasha B. A.	5500

41.	2019-20	Performance And Emission Characteristics Of A Ci Engine Using Graphene Oxide (Go) Nano-Particles Additives In Uppage Biodiesel-Diesel Blends	Dr. Basavarajappa D. N.	6500
42.	2020-21	Production Of Different Biodiesel Fuel And Performance Analysis Of Ci Engine	Basavarajappa D N	5500
43.	2020-21	Areca Sheath: An Innovative Material For Acoustics And Noise Control	Dr. Srinivasa C V	6000
44.	2020-21	Design And Fabrication Of Automatic Septic Tank For Railway Bogies	Mr. Suresh Babu S U	6000
45.	2020-21	Experimental Investigation On Fracture Toughness Of Natural Fiber Reinforced Polymer Composites For Orthopedic Applications	Mr. Manjunatha G B	6000
46.	2021-22	E-Scrambler	Dr. Srinivasa C V	6000
47.	2021-22	Campus Mobility For The Future: The Smart Electric Bicycle	Dr. Srinivasa C V	8000
48.	2021-22	An Innovative Approach For Design And Development Of CO2 Concentrator To Treat Engine Exhaust By Using Reverse Osmosis	Dr. Mudasar Pasha B A	10000
49.	2021-22	Production Of Biogas From Kitchen Waste, Its Analysis And Control Using Iot Concept	Mr. Mallikarjuna M S	12000
50.	2021-22	Development Of Customized Static Splint Orthosis For Medical Application Using Bio-Composites	Dr. Bharath K N	7000
51.	2021-22	A New Approach For The Development Of Bio-Fiber Based Composites For Circuit Board Applications	Dr. Bharath K N	6000
52.	2021-22	An Innovative Water Resistance Sandwich Panels For Vibration And Noise Application	Dr. Srinivasa C V	6000

53.	2021-22	Mechanical Characterization Of Aluminium Alloy Based Nano Composites	Mr. Prashanth H R	6000
54.	2021-22	Development Of Biodegradable Thin Films From Bio Based Fibers For Food Packaging Applications	Dr. Bharath K N	7000
55.	2021-22	Performance Analysis Of CI Engine Fueled With Algae Biodiesel With Nano Particles	Dr. Basavarajappa D N	9000
56.	2021-22	Multipurpose IoT Robot	Mr. Suresh Babu S U	6000
57.	2021-22	Remote Controlled Solar Lawn Mower	Mr. Harsha HM	7000
58.	2021-22	Multi Nozzle Automatic Sprayer	Mr. Siddaraj S B	7000
59.	2021-22	Plasma Coated Super Alloy Substrate For High Temperature Applications	Mr. Dileepkumar S. G	5000

## List of VTU Funded Projects

SI No	Academic Year	Title of the Project	Guide Name	Sanctioned Amount(₹)
1.	<b>2018-2019</b>	Design And Development Of Electric Bike	Mr. Mallikarjuna C	5000
2.	<b>2018-2019</b>	Design and implementation of bio-gas plant by using hostel food waste	Dr. Basavarajappa D N	5000
3.	<b>2019-2020</b>	Development and Testing of Bio-Based Friction Material”	Dr. Srinivasa C V	5000
4.	<b>2019-2020</b>	“Aqua Trash Skimmer”	Mr. Mallikarjuna M S	5000
5.	<b>2020-2021</b>	The Green Studio: A Sustainable Material For Vibro Acoustic Applications	Dr. Srinivasa C V	5000
6.	<b>2020-2021</b>	Hybrid Water Pump	Mr. Doddeshi B C	5000
7.	<b>2021-2022</b>	Development of aluminium alloy based hybrid nano-composites to evaluate mechanical characteristics, microstructure, and strengthening mechanism	Mr. Prashanth H R	800000
8.	<b>2021-2022</b>	Optimization of extraction process to obtain omega 3 fatty acids from fish oil and to develop bio diesel from waste oil.	Dr. Bharath K N	800000
9.	<b>2021-2022</b>	Development of Solar Powered Bio Compost Digester	Dr. Rajakumara D J Dr. Basavarajappa D N Mr. Suresh Babu S U	1000000

### List of VGST Funded Projects

SI No	Academic Year	Title of the Project	Guide Name	Sanctioned Amount(₹)
1.	2012-2013	Development and characterization of pyrolytic oil produced from municipal plastic waste	Dr. Basavarajappa D N	40000
2.	2013-2014	Development of testing facility for unique bio diesel engine.	Dr. Ganesh D B	3000000
3.	2013-2014	Production of hydrogen by using saline water and performance of SI engine using hydrogen energy.	Dr. Basavarajappa D N	40000
4.	2014-2015	Development and performance analysis of bio based fiber composites from agricultural byproducts for engineering applications	Dr. Bharath K N	400000
5.	2015-2016	Research on bio based sandwich composite structures	Dr. Srinivasa C V	2000000